



CAMBRIDGE



# Welcome to Cambridge: Did you know?

You're probably already aware that Cambridge is one of the best universities in the world in terms of its academic reputation, but did you know:

no.1

Cambridge has the most satisfied students in the country according to the 2011 National Student Survey.

3yrs

Cambridge guarantees most students College-owned accommodation for at least three years.

700+

Cambridge has over 700 student clubs and societies to choose from.

no.1

Cambridge came top in terms of value for money in the 2011 QS World University Rankings.

top5

Cambridge is one of the five most targeted universities by top employers according to *The Graduate Market in 2011*.

## Cambridge Open Days

Whether you know lots about the University or almost nothing, come along to an open day and see for yourself what we have to offer. See p147 and visit our website for information and booking.

5 and 6 July 2012

[www.cam.ac.uk/opendays/](http://www.cam.ac.uk/opendays/)



# Welcome

Cambridge's great strength is the partnership between the University and its Colleges. This combination provides superb facilities, contact with the very best minds, and personal tuition and support to develop your academic interests. Engaging with academics at the forefront of research in their disciplines is at the heart of what Cambridge offers to our undergraduates.

We also provide many opportunities to engage in sports, performing arts and social activities, as well as the chance to develop knowledge and transferable skills to prepare you for the future.

Here you will pursue your intellectual curiosity and acquire the habits of mind

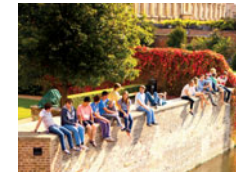
which will enhance your future experience of life, whatever turn it may take. Cambridge students are greatly sought after by employers and the University has one of the highest graduate employment rates in the country.

There is no 'right background' for Cambridge – no right school to have attended, no hidden test of social and economic circumstances. Quite simply, if you have the ability, the enthusiasm and the motivation to study here, then we want to hear from you.



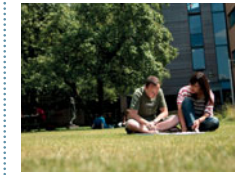
**Professor Sir Leszek Borysiewicz**  
Vice-Chancellor

# Contents



## WELCOME

- 4 **Cambridge Explained**
- 6 **Teaching and Learning:**  
A world-class provision
- 10 **Student Life:**  
More than just studying
- 16 **Accommodation:**  
A home from home
- 18 **Support:**  
Looking after our students
- 22 **Money:**  
Financing your studies
- 26 **Careers:**  
Transforming your future
- 28 **Mature Students:**  
Returning to study
- 30 **International Students:**  
A global community



## COURSES

- 33 **Course structure**
- 34 **Courses A-Z**  
(see also Index, p156-9)

**67**  
subjects offered through 27 undergraduate courses.



## COLLEGES

- 107 **Choosing a College**
- 109 **The Colleges A-Z**



## DETAILS

- 139 **Applying to Cambridge**
- 143 **Entrance Requirements**
- 146 **Music Awards**
- 147 **Open Days and Events**
- 150 **Finding Out More**
- 151 **Travelling to the University**
- 152 **Maps of the University**
- 156 **Index**

# Cambridge Explained

Cambridge is structured differently from other universities, and these differences make Cambridge special. To help you get started, let us explain the basics.

Cam+

## THE CAMBRIDGE ADVANTAGE: Our courses

Cambridge is one of the best universities in the world, offering undergraduate degree courses in the arts, social sciences, sciences, engineering and medical sciences.

### Our courses are distinctive because:

#### flexibility

Many encompass several subjects, which means they're much more flexible than a lot of specialised courses elsewhere – look closely at both the index on p156-9 and the descriptions for the related courses listed.

#### exploration

Most cover the subject area broadly to start with before allowing you to choose from a range of specialisms – this means you can explore the subject and your strengths and interests fully before you decide which area to focus on.

*When researching what Cambridge has to offer you may come across the term 'Tripos', but don't let that worry you. It's just the formal term we use to refer to our degree courses.*

*Find an explanation of the Tripos system and information about our courses on p33-105.*

## A collegiate university: Who does what?

Cambridge is a 'collegiate' university. This means that it comprises:

- various faculties and departments in different academic subjects
- a number of Colleges

The key functions that the University (through its faculties/ departments) and Colleges are responsible for are outlined below, to show how it all fits together.

### THE UNIVERSITY:

- determines course content
- organises lectures, seminars, practicals and projects
- sets and marks examinations
- awards degrees

### THE COLLEGES:

- admit undergraduate students
- organise small-group teaching (supervisions)
- are responsible for academic and pastoral care
- provide accommodation, places to eat and recreational facilities

We've included some advice on how to choose a College and profiles of each College later in this Prospectus, see p107-37.



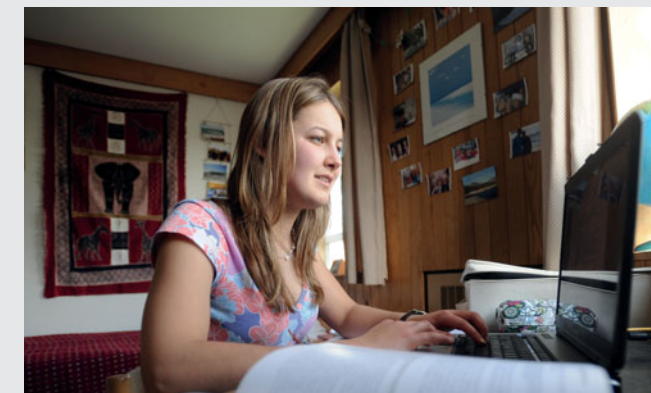
Relaxing after exams

## What are we looking for?

We assess everyone individually, which means we look at – and for – different things in different people for different courses. Consequently, there's no magic formula that will guarantee you're offered a place. However, we can generalise a little.

Admissions Tutors are looking for the students they believe:

- have the most academic potential
- are best suited to the course they applied for
- will most benefit from what we're offering



Student accommodation

### Academic ability and potential

We're looking for students with the academic ability and potential to flourish at the University. Therefore, you should be aiming for excellent examination grades.

Typical A Level/IB offers and subject requirements are outlined on the relevant course pages (see p34-105).

Entrance requirements for other examination systems can be found on p144-5.

### Motivation and independent thought

We're looking for an indication of your ability to think critically and independently, and your willingness to argue logically but to keep an open mind to new ideas as well. You also need self-discipline, motivation and commitment, and the desire and potential to go beyond what you've learned so far.

### Passion for your course

And finally we're looking for students who really want to learn about the subject they've applied for and aren't just interested in the degree at the end – important though this is. Think carefully about why you've chosen your course. Instead of selecting the course you think you ought to do, think about which subject you're most passionate about studying for the next few years.

**If you think you have these qualities, we're looking for students like you and hope you'll apply. Information about the application process is on p139-42.**

# Teaching and Learning: A world-class provision

When deciding on a university you'll be looking for somewhere that offers excellent teaching and resources to enable you to succeed. We're confident that we can offer both.



Top left: Lectures  
Top right: Practicals  
Bottom left: Supervisions  
Bottom right: Seminars

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## THE CAMBRIDGE ADVANTAGE: Academic excellence

Cambridge is known and respected across the globe for the excellence of its teaching and research, and the quality of its graduates. But don't just take our word for it:

no.1

in the world  
(2011 QS World  
University Rankings).

no.1

for student satisfaction  
in the UK (2011 National  
Student Survey).

no.1

for academic research  
in the UK (Research  
Assessment Exercise).

We're committed to encouraging and developing enquiring minds and provide unparalleled learning opportunities for our students. Not only are you taught in the lecture theatre by academics who are experts in their fields, but our supervision system means that you receive more personal tuition from them too.

### How will I be taught?

As at all universities, there's a much greater emphasis on independent and self-directed study here compared with school or college. You're responsible for your own learning and are expected to read beyond what's required for your lectures and classes.

Your faculty or department arranges lectures, seminars and practicals that students from all Colleges attend together.

### Supervisions

- *This more personal tuition, organised by your College, is one of our greatest strengths.*
- *You may go to different supervisors who are specialists in particular areas of your subject.*
- *Typically you have one or two hour-long supervisions each week, although the frequency does vary from course to course.*

## TEACHING METHODS

### Lectures (the basics)

Many lecturers are leading academics working at the forefront of their fields, so lectures are a fantastic opportunity to find out about the latest research.

### Field trips, study visits, language courses

The faculties, departments and Colleges often have funds available to help you go on trips in Britain and abroad.

### Seminars and classes (more detail)

Led by lecturers but you're expected to actively contribute to the discussions.

### Independent research (dissertations, research projects)

A chance to carry out your own research, test out theories and put forward your own ideas. Your work might even get published while you're still an undergraduate.

### Practicals (hands-on)

Sometimes called 'labs' or laboratory classes. Practical work on some courses may be assessed.

### Study abroad

Some courses include the opportunity to study abroad through exchange programmes with other leading institutions.

### Supervisions (in-depth exploration)

Sessions for one or two students or small groups with a subject specialist supervisor (who could be one of the country's or world's leading authorities).

### Work experience

Some courses include a period of work experience, giving you a chance to explore possible future career paths and even perhaps the opportunity of a job after you graduate.

## Facilities and resources

We admit the most academically able, motivated and passionate students to our courses and provide them with inspiring teaching that's world-class. We're also confident that we offer the best resources and facilities to support their learning.

### 1. Libraries

You certainly won't be short of libraries at Cambridge – the University has 114!

- Your College library contains the standard texts needed for your course, along with other materials relating to your subject.
- Department and faculty libraries offer more specialist collections of books, journals, periodicals and electronic resources for particular subjects.
- The University Library (or UL) is one of six legal deposit libraries, holding more than eight million books, journals and other documents, written in over 2,000 languages and ranging in age from 3,000 year-old manuscripts to the latest electronic articles.

To ensure you get the most from the University's libraries, the UL offers practical sessions and one-to-one help through its Research Skills Programme. These include introductory tours, sessions to highlight the resources available for particular disciplines, and information skills classes.

Further information  
[www.lib.cam.ac.uk/students/](http://www.lib.cam.ac.uk/students/)

### 2. Computing and IT

Your College and department, together with the University Computing Service, provide computing facilities to help you with your academic work.

Most student rooms are connected to the University network and internet, and wireless hotspots are available throughout the University and Colleges. In addition, all Colleges and many departments have computer suites offering a range of general and specialist software, as well as printers and scanners.

The Computing Service offers comprehensive support, including:

- a service desk
- an email account and central file storage
- free training courses, from introductory to advanced levels
- Assistive Technology advice and training for users with specific requirements

Further information  
[www.cam.ac.uk/cs/new-students/](http://www.cam.ac.uk/cs/new-students/)

### 3. Language Centre

Whatever course you study, you can also start or continue to learn a language at the Language Centre.

Taught courses mix face-to-face and online tuition, and facilities for supported self-study are provided through the Advisory Service at the John Trim Resource Centre. For informal learning, the Centre co-ordinates Discussion Groups and Conversation Exchange, as well as providing students with access to a huge range of resources through the online learning environment wherever they are.

For international students, the Centre also offers the English for Academic Purposes programme designed to support the development of language and related academic skills.

Further information  
[www.langcen.cam.ac.uk](http://www.langcen.cam.ac.uk)



Top: Language Centre  
Above: Fitzwilliam Museum

### 4. Museums and collections

Cambridge has nine specialist museums and collections, all of which are open to students and the public. The fascinating exhibits range from dinosaurs to modern art, and rock samples to Rembrandt. Even if none relate directly to your course, a look at the whale skeletons, classical sculpture or the totem poles from Vancouver has to add something to your time in Cambridge!

Further information  
[www.cam.ac.uk/museums/](http://www.cam.ac.uk/museums/)



Left: Library computer facilities  
Below: University Library

9  
specialist museums  
and collections.

114  
libraries providing access  
to millions of resources.



“““

*Supervisions have been really helpful. We get our essays marked and loads of feedback on how we can improve, and also get to explore areas that we might not have thought about or that we're particularly interested in.*

Becky, North Wales

Scan the QR code to watch Becky's and others' 60 Second Impressions (see p160 for guidance).



# Student Life: More than just studying

Students account for about a fifth of Cambridge's population and are an important part of the community. *There's loads to keep you entertained and this makes the city a great place to be a student.*

Cam+

## THE CAMBRIDGE ADVANTAGE: **Work hard, play hard**

There's a great social scene here and most students describe their life in Cambridge as 'work hard, play hard' – it's always amazing how much they fit in alongside their studies!

There are over 700 clubs and societies to get involved in, and throughout term-time there's a whole range of student-organised entertainment events (or 'ents') on offer as well. Among the highlights are the legendary College May Balls, held during May Week (which is actually about two weeks in June, after exams). In addition, there's plenty going on in and around the city throughout the year.

### In and around Cambridge

Cambridge embraces the old and the new. You're surrounded by historic architecture as well as ultra-modern buildings. It has the welcoming feel of a small town with the variety and energy of a larger city.

### Entertainment

However you like to spend your time, there's always something to keep you entertained. Cambridge has four theatres, three cinemas, and two major entertainment venues – The Junction and The Corn Exchange (offering varied programmes which include comedy, drama, dance, concerts and club nights) – plus numerous other events and fairs throughout the year.

### Music

Live music is a big part of life in both the city and University. There's something on offer for every taste; from buskers in the street and gigs

in pubs, to classical concerts, big name acts, and festivals. Among many others, Katy B, Chase and Status, Example, Ed Sheeran, Laura Marling, Friendly Fires, Miles Kane, The Saturdays, and The Vaccines have all performed in Cambridge during the last year.

### Pubs, clubs and restaurants

Cambridge is well known for its great range of pubs – there are around 120 before you even start to count the dozens of College and University bars! There are also several clubs offering the various music nights you'd expect, as well as cheap entry and offers for students.

There's a great selection of places to eat too. Something for any mood, palate, occasion and price range. Better still, your Cambridge student card will get you discounts and special deals at numerous restaurants and cafés.

### Shopping

Within Cambridge's four shopping centres and the city centre streets, most high street names are represented, as well as many independent shops and boutiques. The daily market on Market Square sells everything from jewellery and vintage clothes to bread and fruit; and at the weekend there are also farmers', and arts and crafts markets.

### Outside the city

If you want to explore further afield, activities outside the city include:

- numerous walking and cycling routes
- Ely Cathedral and various local National Trust properties
- karting, a real snow slope, and skydiving in a wind tunnel

Further information  
[www.visitcambridge.org](http://www.visitcambridge.org)



Tinie Tempah performing at a College May Ball



CUSU Office

22,000  
students  
in Cambridge.



### Cambridge University Students' Union (CUSU)

CUSU represents the interests of all Cambridge students within the University and provides a range of central services, support, and entertainment (on top of those provided by the Colleges).

Run on a day-to-day basis by six elected full-time student officers, CUSU:

- campaigns on issues affecting and interesting students
- supports student-run societies
- organises a range of club nights across the city
- runs the professionally-staffed Advice Service
- produces the *Alternative Prospectus* (see p149)

Every College also has its own students' union, or JCR (Junior Common or Combination Room), to which students are elected each year. So, if you want to have a say in student affairs, consider running for election!

Further information  
[www.cusu.cam.ac.uk](http://www.cusu.cam.ac.uk)

“

*Individually tailored teaching from the start of your degree, unrivalled facilities for learning and the world's leading academics are what make Cambridge simply the best university in the world at which to be an undergraduate.*

*Just as importantly, our students' talents are visible beyond their studies – in over 700 student societies, world-class sport, debating, music and in everything else that makes the city come alive during term. In my time here I've been on my College student committee, hitchhiked to Istanbul for charity, captained a pool team and been elected CUSU President – all in three years as well as getting my degree!*

*Cambridge students come from all over the UK and the world, and from a huge range of backgrounds – all you need is an ability to think for yourself. While you study, CUSU is here to ensure that the student experience is as fulfilling as possible, campaigning in your interests, providing welfare support, and organising student entertainment.*

Gerard Tully  
CUSU President

## A few of our 700 clubs and societies



### Student societies

University is about trying things you've never had the chance to do before (and might never get the chance to do again). At Cambridge you can do almost anything at almost any level, from 'having a go' to semi-professional, and your extra-curricular activities may even provide a springboard for subsequent careers.

Currently, there are over 700 clubs, societies and groups to choose from, and in the unlikely event that there's no society for your particular passion, you could start one yourself. All you have to do is find a few like-minded people.

### Politics

Cambridge's 60 political clubs and societies allow students to debate local, national and international political issues.

You could also get involved in CUSU or your College students' union, or go along to the Union Society's debates, where celebrities from the media and politics, such as Julian Assange, Stephen Fry and Dara O Briain, regularly speak alongside students.

- Photographic Society
- Travel Society
- Business Association
- Jugglers' Association
- Indie Music Society
- Energy Network
- Lifesaving Club
- Assassins' Guild
- Fire Troupe
- Green Belt Society
- Darts Club
- Breakdance Club
- Gog Magog Molly
- Kenya Education Partnerships
- Howard League Society
- iPhone Society
- Competitive Debating
- Jazz Orchestra
- Zoological Society
- Kosher Wine and Whisky Society
- Show Choir
- Engineering World Health
- Faiths Forum
- Diplomacy Society
- Literature Society
- Massage Society
- Underwater Exploration Society
- Annual Fashion Show Society
- Network for African Development
- Rock Society
- Wireless Society
- Officer Training Corps
- Pastafarian Sparrowists
- Quiz Society
- Computer Games Society
- Hellenic Society
- Velvet Events
- Real Ale Society
- Magic Society
- Anime and Manga Society
- United Nations Association
- Spaceflight
- Zero Carbon Society
- Opera Society
- Tea Society
- Vegan Society
- Writers' Guild
- Asian Exchange
- Sheila and Her Dog Society
- Expeditions Society
- Yoga Society
- Natural History Society
- Food Tasting Society
- Student Pugwash Society
- Improvised Comedy Society

We only have space for a few examples here but you can find the full list at: [www.cusu.cam.ac.uk/societies/](http://www.cusu.cam.ac.uk/societies/).



College event

### Charities

Cambridge students are very active in numerous community projects, campaigns and charity work, both locally and worldwide.

Cambridge RAG raises over £150,000 annually for local, national and international charities in all manner of ways, such as the Jailbreak, when sponsored students have to get as far away from Cambridge as possible without spending anything. Former jailbreakers have reached Washington DC, Finland, Dubai and Iceland.

### Media

If you'd like to try your hand at journalism, there are three regular term-time student newspapers (*Varsity*, *The Cambridge Student* and *The Tab*) and a variety of other publications to get involved in.

In addition, there are groups for those interested in film-making and photography, such as CU-TV; and the University's award-winning radio station, Cam FM, recruits student presenters, engineers and managers.



Arts Theatre

### Drama

Cambridge is renowned for its student-produced drama. Most well-known is the Cambridge Footlights, although there are around 30 drama groups in total.

To support all this drama, there are excellent facilities. In addition to the ADC Theatre, a number of Colleges have their own purpose-built auditoria and several major productions take place in the city's Corn Exchange and Arts Theatre.

### Music

There's an enormous range of musical societies and student bands catering for any style and level of experience. Several Colleges run open mic nights and numerous bands, choirs and orchestras regularly record and tour nationally and internationally. The Faculty of Music also offers masterclasses and workshops.

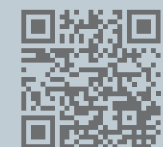
For information about our Organ Scholarships, Choral Awards and Instrumental Awards, see p146.



“““

*There's a lot of work but also a lot of play and something for everyone. I do a lot of writing, a bit of stand-up comedy, a bit of football – you've got to have your finger in many pies!*

Rob, Essex



Scan the QR code to watch Rob's and others' 60 Second Impressions (see p160 for guidance).



## Sport

The sports scene at Cambridge is huge, with a choice of sport for fun, health or serious competition. Whether you want to improve your health, try a new activity, become a coach/match official, or train for competitions we'll help you to achieve your goals.

There are over 100 sporting clubs and societies to choose from. Just about every sport you can think of is catered for, including team games, water sports, martial arts, racket sports, and extreme sports. Many clubs have taster sessions at the beginning of the year so you can find out more.

### Sport for all levels

There are College teams in a diverse range of sports offering opportunities for novices and experts alike to compete in inter-College leagues and cup competitions. Alternatively, you may want to try out for one of the University teams and represent Cambridge against other university, local and national club sides.

## Facilities

To support all this activity, Colleges provide facilities for all the traditional team games and other sports such as tennis and rowing. Many have their own gym and facilities for squash and badminton as well.

### THE UNIVERSITY ALSO HAS:

- a UK Athletics grade 1 athletics track (floodlit for training purposes)
- a floodlit sand-based synthetic hockey surface
- Fenner's Cricket and Tennis Ground (home to the ECB Cambridge University Centre of Cricketing Excellence)
- a recently refurbished fitness suite housing £50,000 worth of the latest cardiovascular equipment, complete with Freeview TV and iPod connectivity

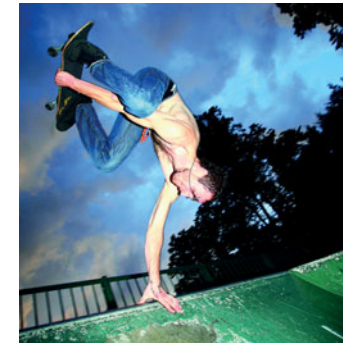
Construction of the University's new Sports Centre is currently underway too. With the first phase due to be completed by September 2013, this major new development will include swimming pool, sports hall, weights rooms, fitness suite, and squash and tennis courts, as well as a sports science and medicine centre, all in a state-of-the-art building.

There are also a number of sports centres, gyms and swimming pools around town that offer membership discounts to students.

### Financial support

Some financial support is available for students studying at the University who play competitive sport at a high level or wish to progress within coaching or officiating. For further details see the Department of Physical Education website.

Further information  
[www.sport.cam.ac.uk](http://www.sport.cam.ac.uk)



# £50k

worth of the latest cardiovascular equipment in our refurbished fitness suite.

Top left: Kayak polo  
Top middle: Cyclocross  
Top right: Urban sports  
Middle: Volleyball on Jesus Green  
Bottom: College rowing crew



Over **60** sports are available, including:

- |                        |                     |                           |                              |
|------------------------|---------------------|---------------------------|------------------------------|
| ■ Aerobics             | ■ Fencing           | ■ Motor sport             | ■ Surfing                    |
| ■ Athletics            | ■ Football          | ■ Mountaineering          | ■ Swimming                   |
| ■ Badminton            | ■ Gaelic football   | ■ Netball                 | ■ Synchronised swimming      |
| ■ Basketball           | ■ Gliding           | ■ Orienteering            | ■ Tennis – lawn, real, table |
| ■ BMX                  | ■ Golf              | ■ Polo                    | ■ Trampoline                 |
| ■ Boxing               | ■ Gymnastics        | ■ Powerlifting            | ■ Triathlon                  |
| ■ Canoeing             | ■ Hillwalking       | ■ Riding                  | ■ Ultimate frisbee           |
| ■ Capoeira             | ■ Hockey            | ■ Rollerblading           | ■ Volleyball                 |
| ■ Caving               | ■ Hurling           | ■ Rowing                  | ■ Wakeboarding               |
| ■ Cheerleading         | ■ Ice hockey        | ■ Rugby – league, union   | ■ Water polo                 |
| ■ Clay pigeon shooting | ■ Kickboxing        | ■ Scuba diving            | ■ Windsurfing                |
| ■ Cricket              | ■ Kitesurfing       | ■ Skateboarding           | ■ Yachting                   |
| ■ Curling              | ■ Korfbal           | ■ Skiing and snowboarding | ■ Yoga                       |
| ■ Cycling              | ■ Lacrosse          | ■ Skydiving               |                              |
| ■ Diving               | ■ Martial arts      | ■ Squash                  |                              |
| ■ Eco racing           | ■ Modern pentathlon |                           |                              |

# Accommodation: A home from home

At Cambridge, the Colleges provide student accommodation. Much more than just a hall of residence, your College is also where you do a lot of your studying and socialising.

Cam+

## THE CAMBRIDGE ADVANTAGE: **Accommodation guarantee**

Cambridge guarantees most students College-owned accommodation for three years, and many Colleges provide for fourth-year students too<sup>1</sup>.

### This means:

**live in College**

You won't have to find private accommodation after your first year.

**no large deposits**

You don't have to pay commercial rents and large deposits.

**short contracts**

Most annual accommodation contracts are for 24-30 weeks, so you don't pay rent during the vacations unless you stay in Cambridge.

**not far to travel**

You won't have far to travel as College accommodation is close to the city centre and within walking or cycling distance of departments.

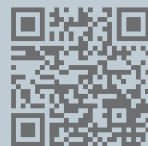
<sup>1</sup> Accommodation guarantee applies to single undergraduates without children at all Colleges except St Edmund's. All single undergraduates are expected to live in College-owned accommodation where possible.



“““

*My College is very friendly, everybody knows each other, and the Porters are absolutely amazing. They make a huge difference to your life at a College because they know everything – they're the first point of contact for help.*

Ekbal, Birmingham



Scan the QR code to watch Ekbal's and others' 60 Second Impressions (see p160 for guidance).



Top: Student accommodation  
Bottom left: College Porters  
Bottom right: College cafeteria

### What's the accommodation like?

Colleges have a variety of accommodation available – rooms vary from medieval to modern and you usually have a choice of en suite or shared bathroom facilities. Whatever the style, you'll have a room of your own (unless you choose one of the specially-designed shared options), and access to a shared kitchen and laundry room.

### Somewhere to eat

The Colleges encourage communal dining; it's a chance to catch up with friends and meet new people. All Colleges provide dining facilities where you can buy cafeteria-style meals as well as more formal dinners (known as 'formal halls') at a reasonable price.

Alternatively, basic self-catering facilities are available if you want to cook for yourself.

### Somewhere to study

When you need a book, a computer or just somewhere quiet to work, you won't need to go far as all of the Colleges provide a library and computer suite (see also p8).

### Somewhere to relax

The main social hub of every College is its common room and bar (also known as a JCR, or junior common/combination room). Here you can find TVs, newspapers, pool tables and computer games.

Colleges have a wide range of sports and music facilities too – such as playing fields, gyms, practice rooms and performance venues. See p13-5 for more information about sport and music at the University.

### Porters

Every College has a team of Porters on duty around the clock to maintain the safety and security of staff and students. One of the linchpins of College life, the Porters are often a first point of call about any problems in College or if you need any information.

### How much does it cost?

The cost varies from College to College, and depends on the type and style of your room (size, en suite etc – most Colleges offer accommodation in a range of price bands to suit different budgets) but the cost usually covers heating, cleaning, internet access and basic self-catering facilities. See p23 for information about typical accommodation costs.

If you work out your rent on a termly or yearly basis, the costs compare favourably with other universities.

Further information  
[www.cam.ac.uk/study/undergraduate/life/](http://www.cam.ac.uk/study/undergraduate/life/)

# Support: Looking after our students

If you need a bit of extra support while at university, don't worry. Cambridge has an extensive welfare system in place and one of the lowest drop-out rates in the UK as a result.



University Dental Service



Relaxing with friends



University Counselling Service

Cam

## THE CAMBRIDGE ADVANTAGE: A supportive environment

As well as being part of a large university, you're also part of a smaller College community. Therefore, students who are struggling with a particular problem or feeling a bit lost won't go unnoticed.

Within your College you have a number of people looking out for your academic and personal welfare, and supporting you throughout your time at Cambridge.

### College welfare Director of Studies

Your Director of Studies (DoS) is usually a Fellow of your College (a senior member of the College whose main duty is teaching, administration or research) but may be a Fellow of another College. Appointed to look after your academic welfare, they:

- advise you on your subject and course choices
- arrange your supervisions
- monitor your progress and help with any problems arising from your studies

They're also involved in the admissions process and will probably interview you if you apply.

### Tutor

As well as a DoS, most Colleges allocate you a Tutor, who's also an academic but normally in a different subject from yours. They're there to protect your interests, provide pastoral support, and can advise you on any personal or financial matters.

### College staff

Colleges have a variety of people you can turn to for medical or personal support (or just a cup of

tea and a chat), such as a nurse, counsellor, and/or chaplaincies for various faiths and denominations.

### Students supporting students

Throughout the University and Colleges, there's an extensive student-run welfare network. Cambridge University Students' Union (CUSU) provides an independent, professional and confidential Student Advice Service, offering information, support and impartial advice via the Student Support phone line or in person at the CUSU Office.



Student parent

In addition, every JCR (College students' union) has its own welfare officer(s), and many Colleges assign first-year students 'parents' (students in other years) to help them settle in and find their feet.

And don't forget, you have your friends to talk to. You're all in it together and dealing with much the same situations, so you're able to support each other.

### Counselling

The University's Counselling Service offers a free and confidential service to all students at the University. Professional counsellors are available to talk through any personal or emotional concerns that you might have during your time at the University. More information, as well as a wide range of self-help resources, is available from the Service's website ([www.counselling.cam.ac.uk](http://www.counselling.cam.ac.uk)).

### Student parents and childcare

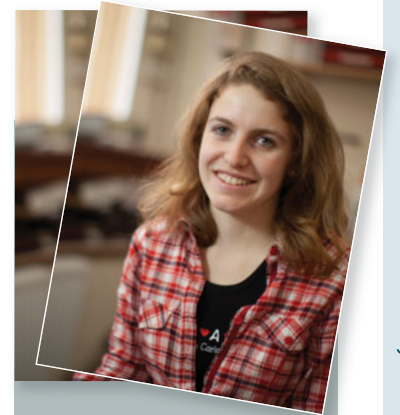
The University Nursery on the West Cambridge Site has a limited number of places for students' children. Gonville and Caius, and Queens' Colleges have their own nurseries, and the Wolfson Court nursery serves Churchill, Girton, St John's and Trinity Colleges. Please contact the individual Colleges to discuss these facilities. If you have school-aged children the University Childcare Information Advisers will be able to advise.

Some Colleges can provide family accommodation (see College websites). Where this isn't available you'll be directed to the central Accommodation Service instead ([www.accommodation.cam.ac.uk](http://www.accommodation.cam.ac.uk)).

Information on government financial support for student parents is available from the Directgov website ([www.direct.gov.uk](http://www.direct.gov.uk)). In addition, University support for some UK, EU and overseas students with dependants may be available, please see the University Childcare Information Service website.

Further information

**University Childcare Information Adviser**  
**01223 332249**  
**[childcare@admin.cam.ac.uk](mailto:childcare@admin.cam.ac.uk)**  
**[www.cam.ac.uk/childcare/](http://www.cam.ac.uk/childcare/)**



“”

*Everyone has a Director of Studies, so that's the first person you'd go to with academic issues. For pastoral support, there are welfare services in College, and lots through student associations and the University itself, so it's really helpful.*

Rosalyn, Edinburgh



Scan the QR code to watch Rosalyn's and others' 60 Second Impressions (see p160 for guidance).



Disability Resource Centre



Study resources



Disability advisers

### Disabled students

The Disability Resource Centre (DRC) offers guidance, information and support, and is an essential contact for disabled applicants and/or those with a chronic medical condition.

If you're considering Cambridge, you're advised to get in touch with the DRC and a College admissions office as early as possible to discuss your application and specific requirements. If you decide to apply we strongly recommend that you indicate your disability in your UCAS application. This allows us, for example, to make appropriate adjustments to the interview process, if required. Disabled applicants are also advised to apply to a specific College rather than make an open application (see p108).

### Location and accessibility

Students are based in Colleges for day-to-day living and go to a faculty/department for lectures, practical work etc. Cambridge itself is an historic city with some narrow and cobbled streets. Therefore, we encourage you to visit before applying to assess the suitability of your intended College and department, including their locations relative to each other.

### Study and academic support

With your agreement, the DRC will liaise with relevant University staff before you start your course to ensure that appropriate support requirements are established. If you require support workers such as note-takers or interpreters, the DRC's Non-Medical Assistance (NMA) Scheme may be able to help.

### Examination access arrangements

If you'll require specific arrangements for examinations (such as additional time, someone to write on your behalf and/or use of a computer), the DRC team can advise how to organise such arrangements via your College tutorial office.

### Specific Learning Difficulties (SpLD) including dyslexia and dyspraxia

If you have a SpLD you must have a current diagnostic assessment report as evidence for obtaining appropriate adjustments. Information about diagnostic assessments is available from the DRC's SpLD Adviser and on the DRC website.

### Financial support

UK students are currently eligible to apply for Disabled Students' Allowances (DSAs). It's important that you begin the application process for DSAs as soon as possible to ensure your funding is in place for the start of term. In addition, once at Cambridge, there are specific grants that disabled students from the UK, EU and overseas may apply for (see the DRC website for details).

Further information  
**Disability Resource Centre**  
**01223 332301**  
**disability@admin.cam.ac.uk**  
**www.cam.ac.uk/disability/**

## ALTERNATIVE FORMATS

The information in this publication can be found on our website at: [www.cam.ac.uk/study/undergraduate/](http://www.cam.ac.uk/study/undergraduate/).

However, if you'd like this information in an alternative format (eg large print) please contact the Cambridge Admissions Office to discuss your requirements.

Further information  
**Cambridge Admissions Office**  
**01223 333308**  
**admissions@cam.ac.uk**

### Care leavers

The University of Cambridge has been awarded the Frank Buttle Trust Quality Mark in recognition of our commitment to supporting prospective applicants who are (or have previously spent time) in care and our care-leaver students.

There's a wide range of support available for care-leaver students at the University, including financial assistance and a guarantee of 365-day accommodation (if wanted). However, in order to ensure you get the support available to you as a care leaver, you should indicate your time in care in your UCAS application.

If you are or have been in care, or you're supporting a young person currently or previously in care and would like more information about visiting or studying at the University and the support available, please see the website or contact the Cambridge Admissions Office's Widening Participation Team.

Further information  
**Widening Participation Team**  
**01223 766872**  
**care@cao.cam.ac.uk**  
**www.cam.ac.uk/study/undergraduate/care/**



College gardens

# Money: Financing your studies

Whichever university you apply to, you need to consider the cost of your tuition and your living (or 'maintenance') costs. These amounts can seem daunting but there's lots of support available to help you finance your studies.

Cam+

## THE CAMBRIDGE ADVANTAGE: Value for money

Going to university is an investment in your future so, financially-speaking, why should you consider Cambridge?

no.1

in the world for value for money, and in the top three for both academic and employer reputation (2011 QS World University Rankings).

extensive support

The University and Colleges offer an extensive programme of financial support to ensure our students can meet the costs of their Cambridge degree, regardless of background.

top 10

Student living costs are very competitive – Cambridge is consistently in the top 10 most cost-effective UK university cities (NatWest Student Living Index).

The following details are for UK/EU undergraduates starting a course in October 2012 (unless otherwise stated). Figures for 2013-14 will be published on the Undergraduate Study website as soon as they're available. If you're from outside the EU, please see p31.

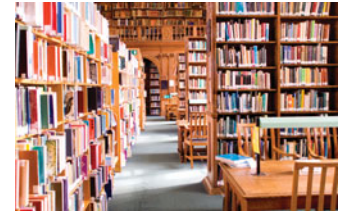
Please see the website for further detail on finances and the most up-to-date information ([www.cam.ac.uk/studentfinance/](http://www.cam.ac.uk/studentfinance/)).

### Tuition fees

Like most English universities, in 2012-13 the tuition fees for UK/EU students studying for their first undergraduate degree are £9,000 per year for all courses<sup>1</sup>.

We're committed to providing a world-class education and access to the very best teachers, resources and support. Therefore, we actually invest, on average, almost twice this amount in each student every year. We also offer tuition fee support through the Cambridge Bursary Scheme and National Scholarship Programme (see p24-5).

<sup>1</sup> Islands students (from the Channel Islands and Isle of Man) will be charged tuition fees at the overseas rate for 2013 entry (see p31 and online for details). Islands students also have to pay College fees in addition to tuition fees (see p31).



Top left: Low transport costs  
Top right: College accommodation  
Bottom left: College cafeterias  
Bottom right: Libraries and study resources

### Cost-effective living

'Living costs' cover whatever you need to pay for, excluding tuition fees, while you're at university. For example:

- accommodation
- food
- course costs/study materials
- personal expenses and transport

We've estimated that you should allow approximately £7,500 a year for living costs (though this will vary depending on your lifestyle).

### Accommodation

Most Colleges offer accommodation in a range of price bands to suit different budgets. As a rough guide, the rent for a 30-week year for most single study bedrooms is as follows:

£80-£110 per week  
with shared bathroom

£90-£130 per week  
with en suite

See individual College websites for more information about accommodation and prices.

### COST-EFFECTIVE CAMBRIDGE 2012-13

What am I paying for?	How much does it cost per year?
Tuition fees	£9,000
Living costs total	c£7,500
<b>Included in living costs total:</b>	
Accommodation <sup>2</sup>	£2,400-£3,300
	£2,700-£3,900 en suite
Kitchen facilities charges <sup>2</sup>	£360-£540
College meals	£3-£4 each
Transport	Cheap or free!

### Food

Colleges provide basic self-catering facilities as well as cafeterias/dining halls. Some levy a charge towards the running costs of the College kitchens – the kitchen facilities charge – and then offer meals at lower prices.

- Most weekly kitchen facilities charges are around £12-£18.
- Individual meals typically cost £3-£4.
- Many Colleges also have regular 'formal halls' (three-course dinners) that are also great value at around £6-£10.

### Course costs

The cost of study materials will vary depending on your course but may include:

- equipment (eg calculators, lab coats)
- photocopying
- study materials (eg paper, pens, books)
- travel costs (eg field or dissertation research trips)

The University's numerous libraries and IT facilities (see p8) help to keep your costs down and many Colleges and some departments offer grants to help with particular costs.

Specific course costs can be found on the relevant faculty or department website.

### Personal expenses

What you'll spend on food, clothing, transport etc will depend on your lifestyle. However, there are lots of free recreational facilities plus loads of College-based and student-run activities that don't cost very much. What's more, Cambridge is a small place so transport is cheap or free: most students walk or cycle everywhere and the 'Uni 4' bus service offers discounted fares to students.

<sup>2</sup> Figures based on an academic year of 30 weeks.



College grounds



Freshers arriving



University Library

## Financial support

You'll now have a reasonable idea of the costs involved in studying at Cambridge, but what about financial support? Well, there's plenty of help available, including:

- government student loans for tuition fees and living costs
- government grants
- the National Scholarship Programme
- the Cambridge Bursary Scheme
- College awards

Some support is available to all UK/EU students. Eligibility for other funding depends on your financial circumstances. Arrangements can also vary depending on where you're from (England, Northern Ireland, Scotland, Wales or the EU), so please refer to the appropriate student finance award agency for full details and guidance (see right).

The table opposite outlines the types and levels of support that first time undergraduates from England may be able to access, but if you're from elsewhere in the UK or EU similar types of government support may be available to you too (refer to the relevant student finance authority for details).

## Cambridge Bursaries

We don't want financial considerations to stop you applying to the University and are committed to providing the financial support you need while you're here. Cambridge Bursaries are available to UK/EU students studying for their first undergraduate degree.

- If your household income is £42,600 per year or less you'll be eligible for a non-repayable Cambridge Bursary of up to £3,500 per year.
- Cambridge Bursaries are primarily to support students' living costs. However, if your Bursary is £2,000 or more, you'll have the choice to use it towards your living costs or to reduce your tuition fees.
- There's no limit to the number of Bursaries available – every eligible student who applies will receive one.

Further information  
[www.cam.ac.uk/cambridgebursary/](http://www.cam.ac.uk/cambridgebursary/)

## College awards

Additional sources of funding may be available from your College, such as:

- book and equipment grants to help with specific study-related costs
- scholarships and prizes for academic or other achievements
- travel grants, for academic work and personal enrichment
- grants and loans to help deal with unforeseen financial difficulties

Information on these funds is available from each College ([www.cam.ac.uk/study/undergraduate/finance/colleges.html](http://www.cam.ac.uk/study/undergraduate/finance/colleges.html)).

## Part-time work

The University discourages its students from working during term-time – it's important that you have an appropriate work-life balance, and we offer a wide range of financial support to ensure you don't have to. However, there may be a few opportunities available within the University and Colleges that are an exception to this, such as working in the College bar, College library or as a student helper during open days.

### STUDENT FINANCE AWARD AGENCIES

According to where you're from, contact the relevant organisation for more information and guidance.

**Student Finance England**  
0845 300 5090  
[www.direct.gov.uk/studentfinance/](http://www.direct.gov.uk/studentfinance/)

**Student Finance NI**  
0845 600 0662  
[www.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

**Student Awards Agency for Scotland (SAAS)**  
0300 555 0505  
[www.saas.gov.uk](http://www.saas.gov.uk)

**Student Finance Wales**  
0845 602 8845  
[www.studentfinancewales.co.uk](http://www.studentfinancewales.co.uk)

**Student Finance Services European Team**  
+44 (0) 141 243 3570  
[www.direct.gov.uk/studentfinance/](http://www.direct.gov.uk/studentfinance/)



Market Square



The Backs



Grand Arcade shopping centre

## FINANCIAL SUPPORT FOR STUDENTS FROM ENGLAND AT CAMBRIDGE 2012–13

Support	What's it for?	Eligibility?	How much?	Pay it back?
<b>Government Tuition Fee Loan</b>	Tuition fees	Students studying for their first undergraduate degree	<b>Up to £9,000</b> per year	Yes, but only after you've left university and are earning a minimum salary
<b>Government Maintenance Loan</b>	Living costs	Dependent on household income and the course and university applied for	<b>Up to £5,500</b> per year	Yes, but only after you've left university and are earning a minimum salary
<b>Government Maintenance Grant</b>	Living costs	Students with a household income of £42,600 per year or less	<b>Up to £3,250</b> per year	No
<b>National Scholarship Programme</b>	Tuition fees	Students from low income families who meet particular criteria	<b>£6,000</b> , first year only	No
<b>Cambridge Bursary</b>	Living costs and/or tuition fees	Students with a household income of £42,600 per year or less	<b>Up to £3,500</b> per year (up to £5,650 for some mature students)	No
<b>Cambridge College awards and scholarships</b>	Prizes for academic or other achievements	College and award dependent		
<b>Cambridge College grants and loans</b>	To help with specific costs or unexpected financial difficulties	College and award dependent		

Further information [www.cam.ac.uk/studentfinance/](http://www.cam.ac.uk/studentfinance/)

# Careers:

## Transforming your future

Cambridge graduates of all disciplines are highly employable and we have one of the highest proportions of graduates entering graduate-level employment or further study in the country. In addition, the Careers Service promotes more vacancies each year than there are Cambridge graduates seeking employment.

Cam+

THE CAMBRIDGE ADVANTAGE: **Graduate prospects**

91%

of our graduates were employed/in further study within six months last year.

top 3

in the world for employer reputation (2011 QS World University Rankings).

top 5

One of the five universities most-often targeted by Britain's top graduate employers (*The Graduate Market in 2011*).

### Career destinations

Cambridge courses are respected all over the world so there's no need to worry about your choice of course limiting you to one career path:

- the majority of employers recruit students with any degree discipline
- it's the flexibility, teaching style and demands of your degree, as well as the range of transferable skills that you develop, that are of interest to employers

Examples of career destinations of recent graduates can be found in the relevant course entry as well as on our website ([www.cam.ac.uk/camdata/](http://www.cam.ac.uk/camdata/)).

### Transferable skills

While at Cambridge, you develop a wide range of 'transferable skills' through both your studies and recreational activities. It's these same skills that employers look for when reviewing job applications.

Employers value other achievements and experiences gained through involvement in clubs and societies, and vacation employment as well. Potential employers also interact with some department-based societies so you have opportunities to network and make contacts long before graduation.

### OUR GRADUATES EXCEL AT:

- learning quickly
- developing and adopting new approaches
- organisation and flexibility
- effective communication, both in writing and orally
- analysis and attention to detail
- creativity and problem-solving
- achieving to the highest standards



Careers Service



Graduation

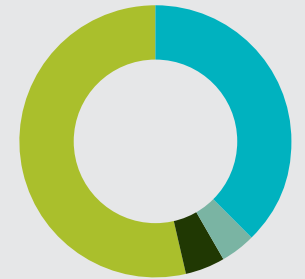
### The graduate employment market

Cambridge students are ambitious, intelligent, motivated, hard-working, passionate, committed, curious, intellectually creative, independent thinkers, and able to manage their time effectively.

Employers know this and look for the same attributes in potential new employees, which is why our graduates are so sought after. The diagram (right) shows the destinations of 2010 Cambridge graduates, six months after graduation.

### Destinations of 2010 Cambridge graduates (six months after graduation)

- 53.3% in employment
- 37.7% in further study or training
- 4.7% still seeking employment or further study
- 4.2% not available for employment/further study (eg year off, travelling etc)



### The Careers Service

The Careers Service offers a wide range of services and staff can help you make informed career choices and work out what to do next, whether that's:

- advice about internships and vacation work experience
- matching your interests and skills to possible careers
- postgraduate study guidance
- job application support

There are also numerous opportunities for you to meet employers through events organised by the Careers Service and department-based societies.

And even after you've graduated, you can continue to make use of the Careers Service.

### HOW THE CAREERS SERVICE CAN HELP YOU

#### Choosing a career

- Careers consultations.
- Online careers health check package and Prospect Planner.

#### Getting internships and work experience

- Over 2,000 internships available across all sectors, with bursaries offered to support unpaid work.

#### Researching occupations and employers

- Career information events for a range of sectors.
- More than 50 employment-related skills training sessions.
- GradLink – contact details for Cambridge alumni who can offer first-hand advice.
- Information on over 100 occupations, further study courses and funding.

#### Finding vacancies

- Online vacancy information on more than 5,500 organisations.
- Email subscription service.

#### Making successful applications

- CVs and Cover Letters book.
- CV and interview advice and support.

Further information [www.careers.cam.ac.uk](http://www.careers.cam.ac.uk)

# Mature Students: Returning to study

If you'll be aged 21 or over by 1 October in the year in which you hope to come to Cambridge you'll be applying as a mature student.



“”

*I chose a mature College and what I like about it is that everyone's roughly as old as I am and has done something before they came, so you get a lot of experiences shared from other people.*

Alexander, Germany



Scan the QR code to watch Alexander's and others' 60 Second Impressions (see p160 for guidance).

## Colleges for mature students

All Cambridge Colleges admit mature students, but four only take mature or graduate students:

- Hughes Hall
- Lucy Cavendish College (women only)
- St Edmund's College
- Wolfson College

Mature students can apply to any of the undergraduate Colleges, though most choose one of these 'mature' Colleges. Mature students who make an open application (see p108) are allocated to one of the mature Colleges.

## Supporting mature students

### Student parents

Information for student parents can be found on p19.

### Preparing for Cambridge

Successful applicants may be able to attend the PREP Course in September 2013. The course covers study skills and practical issues that are part of day-to-day university life. See the website for further details.



College JCR

## Entrance requirements

The nature and demands of Cambridge courses mean they do require academic preparation, and mature students must be of an equal academic standard to school leavers. Therefore, you'll be expected to demonstrate evidence of recent academic achievement at a high level, for example in one or more A Levels, an Access to HE Diploma, or an Open University course (Level 2 or above).

Many of our courses require specific academic preparation. Please read the information on Access to HE Diplomas on p145 carefully, and contact one of the mature Colleges for advice.

Further information  
[www.cam.ac.uk/mature/](http://www.cam.ac.uk/mature/)

UCAS information  
[www.ucas.com/students/maturestudents/](http://www.ucas.com/students/maturestudents/)



College court



College library



College grounds

## Applying

Mature students apply in the same way as school leavers (see p139-42).

If you're applying from outside the EU you also need to submit a Cambridge Online Preliminary Application (see p141). Those applying for the Graduate Course in Medicine need to complete an additional form as well (see p79).

## Application deadlines

The standard deadline for applications to be received is 15 October. However, the four mature Colleges will consider mature and affiliate applications in some subjects as part of a second application round, the deadline for which is 1 March 2013.

## APPLICATION DEADLINES FOR MATURE APPLICANTS

### 15 October 2012

- Mature students applying for any subject to a standard-age College or in the first application round to one of the mature Colleges
- Mature students making an open application

### 1 March 2013

- Mature students applying to Hughes Hall, Lucy Cavendish College, St Edmund's College or Wolfson College to study any subject except Architecture, History of Art, Law, Medicine, Graduate Course in Medicine, Music, Philosophy, Veterinary Medicine

## Further advice

Further information and advice, including details about events for mature applicants is available online and from the Access Officer at the Cambridge Admissions Office.

Further information  
**Access Officer**  
**01223 765728**  
**mature@cao.cam.ac.uk**  
**www.cam.ac.uk/mature/**

## SECOND UNDERGRADUATE DEGREES (AFFILIATES)

Most Colleges will consider applications from 'affiliated' students – those who have achieved, or are expected to achieve a first or upper second class honours (or equivalent) in an undergraduate degree and now wish to study for an undergraduate degree at Cambridge (in a year less than usual).

Please note that affiliated students cannot make an open application or apply for Architecture. Only Lucy Cavendish, St Edmund's and Wolfson Colleges will consider affiliated applications for Medicine or Veterinary Medicine.

There's very little financial support available for those studying second undergraduate degrees. In addition, all affiliated applicants should be prepared to pay a separate College fee (see p31).



# International Students: A global community

Just over 10 per cent of our undergraduates (around 1,200 students) are from overseas, representing more than 120 countries. *Some of the application and financial arrangements differ for international students, guidance for which is outlined below.*



College life

## Student life

Cambridge is a great place to be a student and has a truly diverse University community. See p10-5 for information about student life and find further details on the Undergraduate Study website and CUSU International website ([www.international.cusu.cam.ac.uk](http://www.international.cusu.cam.ac.uk)). You can also get a taste of what student life here is like on one of the International Summer Schools offered each July and August. See the Institute of Continuing Education website for details ([www.ice.cam.ac.uk/intsummer](http://www.ice.cam.ac.uk/intsummer)).

## Entrance requirements

If you wish to apply, you need to be in the top one or two per cent of your year group, and doing very well in the subject area you'd like to study.

Typical offer levels for a range of qualifications can be found on p144-5. If you're studying for a different education qualification, you should check our website for guidance on the appropriateness of your qualifications for study at Cambridge.

## English language requirements

If your first language isn't English, you may be asked to achieve one of the formal qualifications listed in the table below as part of the conditions of your offer<sup>1</sup>.

The University Language Centre runs an English for Academic Purposes (EAP) programme, attendance on which may be included as a condition of your offer. See online for details ([www.langcen.cam.ac.uk](http://www.langcen.cam.ac.uk)).

## Applying

All applicants must complete a UCAS application online by the relevant deadline. In addition, applicants who are living outside the EU must submit a Cambridge Online Preliminary Application (COPA)<sup>2</sup> by the relevant deadline (see table opposite and p139-42).

### Please note

*All students must ordinarily be available to study in Cambridge for the full duration of their course (with the exception of a year abroad where part of the course).*

## ENGLISH LANGUAGE REQUIREMENTS

- IELTS – normally a minimum overall grade of 7.0, usually with 7.0 in each element.
- EU students – a high grade in English taken as part of a leaving examination (eg the European/French Baccalaureate, Abitur etc) may be acceptable.
- GCSE in English Language/IGCSE in English Language (as a first language) – grade C or above.
- Cambridge Certificate in Advanced English – grade A.
- Cambridge Certificate in Proficiency in English – grade A or B.

<sup>1</sup> Dispensation may be made if you don't have one of these formal qualifications but are currently being taught in English. Please contact one of the College admissions offices for advice. <sup>2</sup> There's an overseas application fee associated with the COPA as well as an interview fee for those interviewed overseas. See the website for information and guidance on paying these fees.

## Interviews

The University conducts a number of interviews overseas for applicants unable to travel to Cambridge for interview. To be considered for interview overseas, both your COPA and your UCAS application must be submitted by the appropriate date stated in the table below. Where interviews are conducted in an applicant's home country, they can only be considered for interview in that country or in Cambridge.

## APPLICATION DEADLINES FOR OVERSEAS STUDENTS<sup>3</sup>

### 9 September 2012

- Students who would like to be interviewed in India

### 20 September 2012

- Students who would like to be interviewed in China, Malaysia or Singapore

### 15 October 2012

- All other overseas students who would like to be interviewed in Cambridge, Canada<sup>4</sup>, Hong Kong<sup>5</sup> or Pakistan (please note that some restrictions apply)

Further information  
[www.cam.ac.uk/study/undergraduate/international/](http://www.cam.ac.uk/study/undergraduate/international/)

## Visas and immigration

The UK operates a points-based immigration system, which affects students from outside the European Economic Area (EEA) and Switzerland, and ties a student's visa to the university which he/she will be attending. To study in the UK requires a Tier 4 visa. To apply for a visa you must receive sponsorship through a 'confirmation of acceptance for studies' (CAS) and prove that you have the funds to meet all of your tuition fees and living costs (as set by the UK Border Agency, UKBA).

It is your responsibility to make sure you understand and meet the immigration requirements of the UK. The primary source of information on all matters concerning immigration is the UKBA and you must consult the UKBA website regularly, as the rules and documentation change frequently.

Further information  
[www.admin.cam.ac.uk/offices/internationalstudents/](http://www.admin.cam.ac.uk/offices/internationalstudents/)

UKBA  
[www.ukba.homeoffice.gov.uk/studyingintheuk/](http://www.ukba.homeoffice.gov.uk/studyingintheuk/)

## Costs

As an overseas student at Cambridge your costs will include tuition fees, College fees, and living expenses.

You'll need to be able to prove that you can finance your entire course as it's not possible to work during the academic session. Colleges ask for financial guarantees and proof is also required when applying for a visa.

## Tuition fees

Nationals of a European Union (EU) country are usually treated on exactly the same basis as UK students for fees (see p22). Tuition fees for overseas students (from outside the EU) depend on the course and in 2012-13 will be between £13,011 and £19,800 per year (£31,494 for Medicine and Veterinary Medicine) but you should allow for increases in subsequent years. See the website for details.

If you're uncertain about your status – whether you're Home (UK/EU) or overseas – for fees purposes, please request a fee status questionnaire from any College admissions office or the Cambridge Admissions Office (see p150).

## College fees

All overseas-fee-status and Islands<sup>6</sup> students, and those UK/EU students who aren't eligible for tuition fee support, normally have to pay College fees in addition to University tuition fees.

College fees vary slightly between Colleges but are typically in the range of £4,500 to £5,500 per year and you should allow for increases in subsequent years.

## Living expenses

Your living expenses may be higher than for a UK student, for instance if you have to stay in Cambridge or the UK during the vacations. The minimum resources needed per year (excluding tuition and College fees) are estimated to be approximately £8,450, depending on your lifestyle.

## Financial support and scholarships

The financial support available for overseas undergraduate students is limited but at Cambridge this includes:

- Cambridge Commonwealth and Overseas Trusts awards
- College awards
- Country-specific scholarships

Few full scholarships are available at undergraduate level; most support is a partial contribution to your overall costs and is means-tested.

Details about each of these funding sources and how to apply for them are available online. Please pay particular attention to the application requirements and deadlines.

<sup>3</sup> Earlier application deadlines may apply to students who are also applying for certain scholarships. See the website for information. <sup>4</sup> Interviews in Canada are only available to applicants who are Nationals of/domiciled in Canada. <sup>5</sup> Interviews in Hong Kong are only available to applicants who are permanent residents of/domiciled in Hong Kong. <sup>6</sup> Islands students are students from the Channel Islands and from the Isle of Man.



# Courses

One of the most distinctive characteristics of Cambridge courses is that they cover the subject very broadly in the initial years and then become more specialised and offer a wide range of options in the later years.

Cam+

## THE CAMBRIDGE ADVANTAGE: **Flexibility and choice**

When you start your course, you may not be sure what options you want to take. Our courses allow you to delay specialising until you've had the chance to fully explore the breadth of your subject and confirmed the areas you're most interested in. However, when you graduate, you'll have achieved the same standard and depth in your final year as graduates from more specialised courses elsewhere.

Generally speaking, the number and scope of options to choose from increases each year so, beyond any compulsory papers, you can usually tailor your course to your own specifications. Some options are also available in several degree courses where the subjects overlap (see course outlines).

### Course structure

Our courses (also called Triposes at Cambridge) are divided into 'Parts', with each Part lasting one or two years. Three-year courses have two Parts, and you must pass exams in both Parts to graduate with an Honours degree.

Engineering and some science subjects also have a fourth year (Part III) that leads to an MEng or MSci degree.

Further information  
[www.cam.ac.uk/choosingacourse/](http://www.cam.ac.uk/choosingacourse/)

### Changing course

Most students take successive Parts of the same degree but it's possible to change course after one or two years (with agreement from your College). This means numerous subject combinations are available.

### Course statistics

Application and admission statistics for 2011 entry are noted in the course fact files and you can find further statistics on our website.

Further information  
[www.cam.ac.uk/study/undergraduate/statistics/](http://www.cam.ac.uk/study/undergraduate/statistics/)

### Part-time and short courses

The University's Institute of Continuing Education (ICE) offers a wide range of part-time and short courses. These provide the opportunity for academic progression, or personal or career development at any stage in life and many lead to Certificate or Diploma qualifications.

For information please see the Institute of Continuing Education website at:  
[www.ice.cam.ac.uk](http://www.ice.cam.ac.uk)

# Anglo-Saxon, Norse, and Celtic

If you're fascinated by medieval history, literature and languages, and you relish the prospect of doing your own research using original source materials, this course – unique in the UK to Cambridge – will appeal to you.

## A voyage of discovery

The history and culture of Anglo-Saxon England, Celtic languages and literature, or Viking exploits – Anglo-Saxon, Norse, and Celtic (ASNC) allows you to explore a range of cultures, and to look at history, language and literature side by side.

ASNC focuses on the history, material culture, languages and literature of the peoples of Britain, Ireland and the Scandinavian world in the earlier Middle Ages.

ASNC students discover medieval history while learning one or more languages and reading great works of literature in the original languages, such as the Old English poem *Beowulf*, the epic medieval Irish tale *Táin Bó Cúailnge* (*The Cattle Raid of Cooley*) and Icelandic sagas. Exactly which areas you study and to what depth is largely up to you, and to support your learning Cambridge has rare and exceptional resources to offer in the University Library, the College libraries, and in the Fitzwilliam and other museums.

## What are we looking for?

No previous knowledge of the subject is expected or required; all languages are taught from scratch and we don't assume that students have studied early medieval history or literature at school. However, we do require passion and commitment, and look for evidence of your general ability in arts and humanities subjects.

## After ASNC

This unusual and challenging degree develops your powers of argument and sharpens your powers of analysis. It equips you for a wide range of careers where intellectual and analytical skills are important.

Former Asnacs (as they like to be called) can be found in a wide range of careers. Some take advantage of the specialist opportunities open to them and do research and teaching in schools and universities, or work in museums and libraries; while many others go into careers including journalism, banking, law, the Civil Service, industry and business.



Department of Anglo-Saxon, Norse, and Celtic

“”

*In two years I've studied a broad range of topics, most of which I'd never considered before, and students have lots of contact time with staff.*

Clare

Teaching is provided through lectures, classes, seminars and supervisions and you can expect between 10 and 15 hours of lectures and classes per week during Part I.



## Years 1 and 2 (Part I)

In the first year, you study the various disciplines which form the core of ASNC studies. There are no compulsory papers – you choose six subjects selected from a range of 10, and take an examination in four of them and departmental tests in the other two:

### Historical subjects

- Anglo-Saxon History
- Scandinavian History
- Gaelic History (Scotland, Ireland and the Isle of Man)
- Brittonic History (Wales, Brittany, Cornwall, the Pictish kingdoms and the North Britons)

### Language and literature subjects

- Old English
- Old Norse
- Medieval Welsh
- Medieval Irish
- Insular Latin

Palaeography (the study of manuscripts and handwriting)

In your second year, you may continue to study your chosen subjects and take an examination in all six of them. Alternatively, you have the option to replace up to three of your first-year subjects with a dissertation and/or one or two papers 'borrowed' from related courses. Borrowed papers cover subjects from English, Archaeology, and Modern and Medieval Languages.

## Year 3 (Part II)

This is where you develop and use the skills you learned in Part I, exploring your chosen fields and applying your newly-acquired knowledge in original and imaginative ways.

You study four subjects selected from a range of 17 including, for example:

- The Conversion of Scandinavia
- *Beowulf*
- Advanced Medieval Irish Language and Literature
- Germanic Philology

These are designed to give you the opportunity to pursue more detailed study in your chosen areas. Students may replace one of their four Part II ASNC papers with a borrowed paper. The range currently includes Medieval English Literature, Historical Linguistics, Anglo-Saxon Archaeology, Scandinavian Archaeology and a subject borrowed from the Faculty of History. Students may also replace one of their Part II subjects with a Part I paper that they didn't offer for the examinations at the end of their second year.

You also write a dissertation of between 9,000 and 12,000 words on a specific subject of your own choice within the scope of the course.

UCAS code  
**QQ59 BA/ASNC**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Desirable** A Level/IB Higher Level languages and/or humanities subjects

**Colleges**  
Available at all Colleges

**2011 entry**  
Applications/place: 2  
Number admitted: 24

**Open days 2012**  
27 June – booking recommended, see the Department website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

## RELATED COURSES

English	56
History	60
Human, Social, and Political Sciences	64
Linguistics	72
Modern and Medieval Languages	81

## FURTHER INFORMATION

01223 335079

asnc@hermes.cam.ac.uk

www.asnc.cam.ac.uk

# Architecture

The only course at the University that combines the intellectual challenge of a Cambridge degree with the opportunity for creative design.

## Amazing architectural heritage

Cambridge's beautiful buildings include the work of great architects including Sir Christopher Wren, Sir James Stirling, Edward Cullinan and Sir Michael Hopkins. The teaching is ranked among the best in the country, and there's an outstanding record of graduate achievement.

Our course is academic in approach, emphasising architecture as a cultural as well as technological subject. The core of the teaching programme is in practical design carried out in studios (from the large scale of a city to the smallest detail), and supported by lectures which draw upon the humanities (history and theory) and sciences (construction, environmental design and structures).

Our small and friendly Department has a very good staff/student ratio and we have a superb library, dedicated computer facilities and photographic areas. The Department provides studio space and workshop facilities.

## Professional qualification

Successful completion of our full three-year undergraduate course carries exemption from the Royal Institute of British Architects' (RIBA) Part 1 examinations – the first stage in qualifying as an architect.

The Department offers a RIBA Part 2 validated option in its Environmental Design in Architecture MPhil and a Part 3 course through the University's Institute of Continuing Education ([www.ice.cam.ac.uk](http://www.ice.cam.ac.uk)) as well.

## What we're looking for

An enthusiasm for both the arts and the sciences is desirable. The ability to draw and an interest in the history of art and architecture are important, as is a knowledge of mathematics to at least a good GCSE standard.

## Careers and research

Most graduates continue into professional training, but a number enter research. We have a long-standing tradition of research excellence, in areas such as history and philosophy of architecture, environmentally-responsible design, architecture and the moving image, urban design and transport planning, and disaster relief.

## Portfolio

*Admissions Tutors want to see something that illustrates your interests, experience and ability in the visual and material arts. This may include drawings, paintings, sculpture and/or photography. See the Undergraduate Study website for more advice.*



Department of Architecture



“”

*Architecture at Cambridge doesn't only deal with buildings – we think of people, places, materials, philosophy and history, and only then consider the actual building!*

Kathryn

Throughout the course, you have two 'studio' days each week for set projects which require you to produce models and drawings to communicate your design ideas.



You're supervised on these weekly during individual studio tutorials and critical reviews which encourage you to explore different approaches and develop skills. The resulting portfolio accounts for 60 per cent of the overall marks each year.

Lectures, classes and visits to completed buildings or buildings under construction/restoration cover the rest of the curriculum. You attend a lecture a week on each paper as well as small-group supervisions, for which you're required to complete essays and undertake preparation.

### Year 1 (Part IA)

Studios introduce the possibilities of architecture, with an emphasis on understanding and developing proficiency in traditional modes of architectural representation – models, collage, perspectives, elevations, plans and sections. You also master basic CAD skills, used in studio presentations.

You take five lecture-based papers:

- Introduction to Architectural History/Theory (pre-1900)
- Introduction to Architectural History/Theory (post-1900)
- Fundamental Principles of Construction
- Fundamental Principles of Structural Design
- Fundamental Principles of Environmental Design

Assessment is through coursework and written examinations.

### Year 2 (Part IB)

You choose from various options for studio work, with projects ranging in scale from mapping studies and interior interventions, to a reasonable-sized building. Emphasis is on integrating the technical skills learnt in Part IA and in the ongoing Part IB lectures with your studio output.

In addition, you take four papers that build on Part IA knowledge:

- Studies in History and Theories of Architecture, Urbanism and Design
- Principles of Construction
- Principles of Structural Design
- Principles of Environmental Design

For the first, you submit two essays and sit a written examination. The remaining three papers are assessed by a written exam in each.

### Year 3 (Part II)

You choose from three studio options which vary in approach but all require you to produce a building design at the end of the year whose technical realisation is allied to a coherently framed conceptual approach.

Four lecture-based papers together carry 20 per cent of your overall marks:

- Advanced Studies in Historical and Theoretical Aspects of Architecture and Urbanism

- Management, Practice and Law
- Advanced Studies in Construction Technology, Structural Analysis and Environmental Design Related to Case Studies
- Architectural Engineering (examined by coursework)

A written dissertation of 7,000-9,000 words on a topic of your choice accounts for the remaining 20 per cent of your marks.

UCAS code  
**K100 BA/Arch**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

Applicants are expected to show a portfolio of recent work at interview (see opposite)

**Essential** No specific subjects

**Desirable** AS Level/IB Standard Level Mathematics or Physics

Please note that Art tends to provide a better preparation for our course than subjects such as Design and Technology

### Colleges

Available at all Colleges except Corpus Christi, Homerton, Hughes Hall and St Catharine's

### 2011 entry

Applications/place: 10  
Number admitted: 44

### Open days 2012

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

### Directions

Map reference L

### RELATED COURSES

Engineering	53
History of Art	62
Land Economy	68

### FURTHER INFORMATION

01223 332950



arct-info@  
lists.cam.ac.uk



[www.arct.cam.ac.uk](http://www.arct.cam.ac.uk)





# Asian and Middle Eastern Studies

Are you interested in Chinese, Japanese, Arabic, Persian or Hebrew Studies? You don't need any prior knowledge of these languages to study them at Cambridge but you do need imagination, perseverance and a sense of adventure.

## Broaden your horizons

Are you interested in the world's fastest growing economy? Have you ever wondered why politics and religion seem to be inseparable in the Middle East? Would you like to learn more about Japanese film and literature?

All these topics and more are offered at the Faculty of Asian and Middle Eastern Studies, where the areas of study range geographically from the Mediterranean to the Pacific, and in time from the classical era to the present day.

There are no specific subject requirements and no prior knowledge of any of the languages is expected from applicants (Part I is designed to accommodate beginners) – it's more important to do some exploratory reading (see the Faculty website for suggestions).

## Flexibility: our range of options

Our course is flexible and numerous options and combinations are available.

- You can study Arabic, Chinese, Hebrew, Japanese or Persian.

- You can combine Arabic, Hebrew and Persian with each other or with a modern European language (provided you have an A Level/IB Higher Level in the European language) or Egyptology.
- Chinese and Japanese cannot ordinarily be combined, except with each other in Part II.

## East Asian Studies

Chinese Studies provides you with a good fluency in modern Chinese (Mandarin), knowledge of literary and classical Chinese, and a critical understanding of the rich variety of Chinese culture.

Through Japanese Studies, you'll master the Japanese language (one of the world's most challenging) and gain a comprehensive understanding of Japan, its rich and diverse culture, and its vital role in world affairs.

## Middle Eastern Studies

Arabic Studies and Persian Studies seek to give you a deeper understanding of the Middle East and Islam, their rich heritage and their contribution to world knowledge.

Hebrew Studies encompasses both classical (Biblical) and modern Hebrew and its literature, as well as modern Middle Eastern history and culture, and other languages such as Aramaic.



Faculty of Asian and Middle Eastern Studies

“

*The Faculty offered me a wonderfully rigorous and stimulating introduction to Chinese, precisely the linguistic and historical grounding I needed to begin my own research.*

Julia

# Asian and Middle Eastern Studies (cont.)

## Individuality: our teaching approach

Our Faculty is small in size, the advantage being that teaching mainly takes place in small groups and, as such, is geared to your needs.

In Part I, you get a thorough grounding in the language(s) of your choice (modern and classical), as well as studying the literature, history, religion, politics, economics, anthropology and society of the region you've chosen to gain an even deeper understanding of the culture.

You spend your third year abroad, studying or working in a country where the language you're learning is spoken. In the fourth year, greater specialisation is possible and students write a dissertation on a topic of their choice.

## Living and learning abroad

The year abroad is a great opportunity to immerse yourself in the culture you're studying and to improve your language skills.

Chinese and Japanese Studies students spend the year studying at a university in the appropriate country. Arabic, Persian and Hebrew Studies students have some choice of which country they go to and, to a certain extent, what they do. In the past, students have studied in a foreign university, taught, and worked for companies or charities.

## Versatility: your choice of careers

The range of career options open to graduates is vast. Besides those who go into research, many graduates use their subject directly in subsequent employment. Examples include journalism, business and commerce, teaching overseas, the Civil Service (especially the Foreign Office), NGOs, or international scientific agencies.

Even if you choose not to stay in a related field, employers are often impressed by your initiative to tackle a difficult language. Our graduates have also gone into banking, marketing, law, and one runs a successful travel agency specialising in tours of China.



“”

*The Faculty library is fantastic – it has any book you could possibly need, and many more! Our language teachers also provide listening material online.*

Johann

Teaching is through lectures, seminars and classes, and supervisions, and you can typically expect 10-12 hours of teaching each week (dependent on papers/languages studied).



You take four papers in Year 1, five in Year 2, and four papers (five in Chinese Studies) and a dissertation of 12,000 words in your final year.

Assessment varies from paper to paper but may include written, translation, oral and/or listening examinations, and coursework.

### Chinese Studies Years 1 and 2 (Part I)

You receive intensive training in spoken and written Mandarin, as well as a grounding in reading literary and classical Chinese, and Chinese and East Asian history from ancient times to the present day.

### Years 3 and 4 (Part II)

You choose from specialist papers on topics as varied as religion and thought in dynastic China; Chinese film, linguistics, society or literature; and war in the making of modern China. In Year 3, you study at a university in China, and write a dissertation on a topic of your choice in Year 4.

### Japanese Studies Years 1 and 2 (Part I)

Year 1 is devoted to spoken and written Japanese and to Japanese Studies, covering topics such as film and politics. Classical Japanese is also available in Year 2, along with options in history, literature, religion, politics and society.

### Years 3 and 4 (Part II)

You spend your third year studying in Japan. Year 4 involves advanced language work, a special paper, and writing a dissertation on a topic of your choice. Special papers available vary each year but past topics include Japanese culture, history, and politics and international relations. There's also a Korean paper option.

### Arabic Studies and Persian Studies Years 1 and 2 (Part I)

You study modern written and spoken Persian (Farsi) and/or Arabic. The classical languages follow, along with broad papers on Middle Eastern history, literature and culture, and on Islam. Akkadian and Egyptian papers are also available.

### Years 3 and 4 (Part II)

You spend Year 3 studying or working in the Middle East. In Year 4, advanced language learning continues, you choose from papers on topics such as literature and history, and write a dissertation on a subject of your choice.

### Hebrew Studies Years 1 and 2 (Part I)

You're introduced to the Hebrew language and its literature, as well as the contemporary Middle East and its history and culture. You can also take papers in other subjects such as linguistics, Judaism, Akkadian or Egyptian.

### Years 3 and 4 (Part II)

Year 3 is spent in Israel increasing your language fluency and starting work on your final year dissertation. In Year 4, you complete and submit your dissertation, take an advanced language paper and choose from further special subject and language papers, such as Hebrew Literature, Comparative Semitics, Aramaic, Phoenician, Ugaritic and pre-modern and the modern Middle East.

UCAS code  
**TT46 BA/AMES**

**Duration**  
Four years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects unless combining a modern European language, in which case an A Level/IB Higher Level in the European language is required

**Highly desirable** A modern or ancient language, an A Level/IB Higher Level humanities/social science subject

**Colleges**  
Available at all Colleges

**2011 entry**  
Applications/place: 3  
Number admitted: 49

**Open days 2012**  
16 March – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

#### RELATED COURSES

History	60
History of Art	62
Linguistics	72
Modern and Medieval Languages	81
Theology and Religious Studies	98

#### FURTHER INFORMATION

01223 335105

ug\_progadmin@  
ames.cam.ac.uk

www.ames.cam.ac.uk

# Chemical Engineering

Chemical engineers design and operate industrial processes that convert raw materials into valuable products. The need for more sophisticated products and sustainable processes means chemical engineers are in great demand. Our multidisciplinary course provides the training.

## Chemical Engineering at Cambridge

Our course concentrates on the scientific principles that underpin modern chemical and biochemical engineering. The aim is to produce graduates that meet the needs of today's process industries by providing technical competence, training in transferable skills, and a thorough understanding of the subject. The underlying theory is complemented by a series of lectures and projects that teach process design and chemical product design.

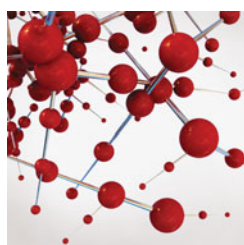
We have strong links with industry. The course is supported by a consortium of 10 industrial companies which provide input on content and assist with teaching. These links also mean that there are opportunities for vacation placements with some of the world's top companies.

## Teaching and facilities

Our Department enjoys a reputation for excellence in its teaching and research, regularly topping national league tables. The Department also has excellent facilities, including an extensive network of computers equipped with modern applications used by practising engineers.



Department of Chemical Engineering and Biotechnology



“ ”

*I enjoy the way that the Chemical Engineering course combines scientific principles, traditional industrial practice, and modern innovation.*

Rebecca

## Qualifications and accreditation

It's possible to graduate with a BA degree after three years. However, virtually all students stay for the fourth year leading to the BA and MEng degrees. The four-year course is accredited by the Institution of Chemical Engineers, meaning that after graduation you can apply for Chartered Engineer status once you have four years of relevant experience without taking further exams.

## After Cambridge

Within chemical engineering there are many well-paid career opportunities. You might work as a field engineer, be part of a research team, or become a senior manager within industry. Chemical engineers can also easily secure jobs outside the discipline because of their broad range of skills. About 50 per cent of our graduates go into the chemical, process and food industries; 20 per cent go into finance and management; and 15 per cent go into further education and research.

You're taught primarily through lectures, which are supported by projects, laboratory classes, supervisions and coursework.

In a typical week you attend 10 lectures and have two supervisions. You also undertake fortnightly projects.



### Year 1 (Part IA) Your choice of route

Chemical engineers spend their first year studying either Engineering or Natural Sciences.

These routes provide equally good preparation for becoming a chemical engineer, and are taken up by a similar number of students.

### Year 2 (Part IB) Introduction to core chemical engineering

From Year 2, you're based within the Department of Chemical Engineering and Biotechnology. The second year contains lectures on:

- fundamentals – fluid mechanics, mass and heat transfer, thermodynamics
- process operations – reactors, separators, biotechnology
- process systems – safety
- enabling topics – mathematics, economics

Depending on your first-year subject, you have additional lectures and practical work on either chemistry or engineering. You're assessed on these topics at the end of the year by four three-hour written exams.

You also take laboratory classes on fluid mechanics and undertake regular assessed project work. Towards the end of the year, you perform the mechanical design of an item of process equipment such as a heat exchanger.

### Year 3 (Part IIA) Continuation of core chemical engineering

The third year contains lectures on:

- fundamentals – fluid mechanics, heat transfer, thermodynamics
- process operations – reactors, separators, bioprocessing
- process systems – process dynamics and control, heat integration, environment
- enabling topics – materials, statistics

You perform assessed project work throughout the year, and sit four three-hour written exams at the start of the third term. After the written exams, you undertake a Design Project that lasts five weeks of full-time work. This project is carried out in groups and concerns the design of a modern industrial process. You take into account all aspects of engineering design, including specification of equipment and control procedures, and consider safety aspects, environmental impact and economic performance. The Design Project brings together all the taught subject matter whilst giving you the opportunity to work in a team on an open-ended problem.

### Year 4 (Part IIB) Choice of advanced topics

You undertake a project on Chemical Product Design and take a compulsory paper on Sustainability in Chemical Engineering. You choose six further advanced topics from a list of optional papers which changes every year to reflect the research interests of academic staff. Past examples have included:

- biopharmaceuticals
- modern metrology
- electrochemical engineering
- particle technology

You also choose a 'broadening material' paper which is on a topic that's useful to chemical engineers without being part of the discipline, such as a foreign language or entrepreneurship.

In addition, you undertake a research project. This might involve experimental, theoretical and/or computational work. Some projects support ongoing research activities within the Department, while others are 'blue sky' investigations leading to new research programmes. Several are sponsored by interested companies and successful projects sometimes lead to students becoming authors of publications in scientific literature.

UCAS code

via Engineering  
**H810 MEng/CEE**  
via Natural Sciences  
**H813 MEng/CENS**

**Duration**  
Four years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**ENGINEERING ROUTE**  
**Essential** A Level/IB Higher Level Mathematics, Chemistry and Physics

**Desirable** A Level/IB Standard Level Further Mathematics

**NATURAL SCIENCES ROUTE**  
**Essential** A Level/IB Higher Level Mathematics and Chemistry

**Desirable** AS/IB Standard Level or above in one or more of Physics, Biology, Further Mathematics

**Admissions test**  
Some Colleges require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

**Colleges**  
Available at all Colleges

**Open days 2012**  
College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference G

## RELATED COURSES

Engineering	53
Natural Sciences	86

## FURTHER INFORMATION

01223 334777



admissions@  
ceb.cam.ac.uk



[www.ceb.cam.ac.uk](http://www.ceb.cam.ac.uk)



# Classics

Classics at Cambridge isn't just studied as a period in the past, but looks at how classical culture, language and philosophy have affected the history of Western civilisation right up to the present day.

## Classics at Cambridge

The Faculty of Classics is one of the most dynamic of its kind, with an exceptional reputation for teaching and research.

Our course encompasses the history, culture, archaeology, art, philosophy and linguistics of classical antiquity and the study of original texts and artefacts. You can either specialise in a particular field or retain the breadth with which the course starts.

## Facilities and resources

The Faculty's facilities include a well-stocked library, and our own Museum of Classical Archaeology. In addition, you have access to the holdings of the Fitzwilliam Museum, where some classes take place.

There's a thriving student society and the renowned Cambridge Greek Play, produced in the original language, is regularly staged by a professional director. We also offer various undergraduate prizes, bursaries and travel grants.

## The courses

The three-year course is usually for students with A Level/IB Higher Level Latin. The four-year course offers a Preliminary Year for those without Latin, and which focuses on making students confident in Latin and Roman culture. Years 2, 3 and 4 are identical to the three years of the three-year degree.

If you have A Level/IB Higher Level Greek but not Latin, you may be advised to take the four-year degree (depending on individual circumstances, please email the Faculty or contact a College admissions office for guidance). We offer an Intensive Greek Programme for those with little or no Greek.

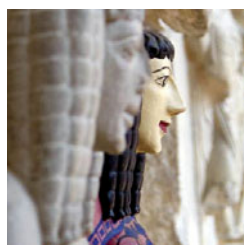
## Careers

Employers have a high opinion of Classicists as potential employees because they're hard-working, articulate, accurate and efficient, take new tasks in their stride and can master situations intelligently.

Some graduates take advantage of the specialist opportunities open to them and do research and teaching in schools and universities, or work in archives, libraries and museums. But most go into other careers – in law, the media, accountancy, the Civil Service, industry and business.



Faculty of Classics



“”

*Cambridge has a great reputation for Classics. The chance to hear one of the Faculty superstars discussing their latest research is unmissable.*

Carol

During Part I, you have an average of 12 lectures a week, and two or more language classes (as needed). You also have at least two supervisions a week in which you discuss your work.

In Part II, you may have Faculty seminars as well as lectures, while your College supervisions give you the opportunity to research essay topics of your choice in depth.

Assessment is by end of year exams.



### Part I Preliminary Year (four-year course)

You learn to read Latin confidently through language study and the reading of literature and

texts from the Roman world. You also study Roman culture, submit essays for assessment, and undertake some preparatory work for taking up ancient Greek at the beginning of the next year.

### Year 1

Written texts are a major source of evidence for classical antiquity, so you study up to 12 'target texts' from the most familiar periods of ancient literature by central authors such as Homer, Euripides, Plato, Virgil, Ovid and Cicero.

You also study elements of ancient history, archaeology, art, philosophy, philology and linguistics to gain a general idea of the ancient world. Reading and language classes directed by specialist language teachers continue, as required, to extend your knowledge of the ancient languages. End of year exams test your linguistic and literary comprehension and essay-writing skills.

### Year 2

You take six papers, including a paper from each of the following four compulsory groups:

- Greek translation
- Latin translation
- Greek literature, eg Dramatic Women in Greek Tragedy
- Latin literature, eg Past and Present in Trajanic Rome

The remaining two papers are chosen from four on other subjects:

- history
- philosophy
- archaeology
- philology

Further optional papers in prose or verse composition in both languages are available if you wish to develop your confidence and creativity in manipulating language.

### Year 3 (Part II)

You can specialise within one discipline (eg Archaeology) or construct a wide-ranging course particular to your individual strengths and interests. You choose four papers from a broad range of options, including:

- literature, eg Sophocles and Myth
- philosophy, eg Aristotle's Ethical and Political Thought
- history, eg Knowledge, Wealth, and Power in the Roman Empire
- archaeology, eg The Art and Archaeology of Roman Britain
- language, eg Greek from Mycenae to Homer
- a multidisciplinary paper, eg Prostitutes and Saints
- papers from another degree course

At the end of the year, you take exams in these subjects or you can substitute one paper with a dissertation on a subject of your choice within the field of Classics. Past dissertations have covered:

- cross-dressing in antiquity
- the phenomenon of Asterix
- classical influences on contemporary American poetry
- Homer and Virgil
- Greek tragedy and politics
- comparative linguistics
- the nature and role of pleasure in human life
- art and archaeology in Roman Britain

UCAS code

Three-year course  
**Q800 BA/CGL**

Four-year course  
**Q801 BA/CGL4**

### Duration

Three or four years

### Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

### Other qualifications

See p144-5

### THREE-YEAR COURSE

Essential A Level/IB Higher Level Latin

### FOUR-YEAR COURSE

Essential No specific subjects

Useful An A Level/IB Higher Level language, GCSE Latin and/or Greek

### Colleges

Available at all Colleges

### 2011 entry

Applications/place: 2  
Number admitted: 91

### Open days 2012

4 May (Oxford and Cambridge Classics open day in Cambridge) – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

### Directions

Map reference B

### RELATED COURSES

English	56
History	60
History of Art	62
Linguistics	72
Philosophy	94

### FURTHER INFORMATION

01223 335151/335960



schools.liaison@  
classics.cam.ac.uk



www.classics.cam.ac.uk





# Computer Science

Computer science is a fast-moving field that brings together many disciplines, including mathematics, programming, engineering, the natural sciences, psychology and linguistics. Our course provides you with a skill set that's highly prized in industry and for academic research.

## Computer Science at Cambridge

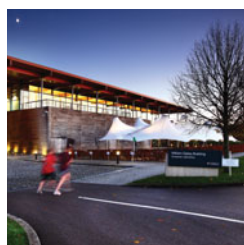
Cambridge was a pioneer of computer science and continues to lead its development. There are over 1,000 specialist computing and advanced technology companies and commercial laboratories in the area (known as 'Silicon Fen'). Many support our teaching and employ our students.

Our course is broad and deep – giving skills to *create* future technology. All aspects of modern computer science are covered, along with the underlying theory and foundations in economics, law and business. You also develop practical skills, such as programming (in various languages, eg ML, Java, C/C++, Prolog) and hardware systems (eg chip design using Verilog).

## Facilities and work experience

Our students benefit from the Computer Laboratory's cutting-edge research and the extensive facilities. The purpose-built Computer Laboratory is packed with the latest technology, advanced lecture theatres, dedicated practical rooms, a well-stocked library, and even a café.

Group projects during the course, where small teams of students deliver a product to an external client, ensure relevant industrial experience. Projects often lead to commercialisation, licensing or employment.



Computer Laboratory



## Accreditation

Our course is accredited by the British Computer Society (BCS) and by the Institution of Engineering and Technology (IET), and contributes towards professional membership (MBCS, MIET) and chartered status (CEng, CSci, CITP).

## Careers

Our graduates' knowledge and skills embody principles which outlast today's technology, making them highly sought-after by industry and commerce alike. For example, companies at our annual recruitment fair collectively seek to recruit more than our entire annual number of graduates.

About half of our students go on to work in the computer industry, while a fifth pursue further study and careers in teaching and research. Many graduates have founded successful companies while others have easily found employment in banking, consultancy and business.

To get an idea of what's currently on offer to our graduates, visit: [www.cl.cam.ac.uk/supporters-club/](http://www.cl.cam.ac.uk/supporters-club/).

“”

*I'd never studied Computer Science formally, so didn't know what to expect. I'm convinced I made the best choice and can't imagine enjoying another course more!*

Chloë

Teaching is provided through lectures, practical classes and supervisions. In Year 1, you can typically expect 20 hours of teaching every week, including up to 12 lectures and practical classes.

Assessment is by three-hour examinations taken in the final term each year. Practical work is also assessed, and is equal to one written paper in the second and third years. You submit a 12,000 word dissertation on your third year project.



### Year 1 (Part IA) Foundations

You take four papers, including two Computer Science papers and at least one Mathematics paper.

The Computer Science papers cover topics including foundations of computer science (taught in ML), Java and object-oriented programming, operating systems, discrete mathematics, algorithms, and digital electronics. The ML, Java and digital electronics topics involve laboratory work.

Most students choose to take the Part IA Mathematics paper from Natural Sciences and either a psychology paper from Psychological

and Behavioural Sciences or a further Natural Sciences paper from the following:

- Physics
- Chemistry
- Evolution and Behaviour
- Earth Sciences
- Physiology of Organisms

Alternatively, you may take the first-year Computer Science papers alongside two of the first-year papers of the Mathematics course (see p75). This is known as Computer Science with Mathematics. You should indicate which option you wish to take (eg Computer Science with Physics, Computer Science with Psychology) on your SAQ (see p139).

### Year 2 (Part IB) Core technologies and theories

You take four papers, spanning the core discipline:

- Theory – including logic and proof, computation theory
- Systems – including computer design, computer networking

- Programming – including compiler construction, advanced algorithms
- Applications and Professionalism – including artificial intelligence, graphics, security

You also work on assessed laboratory work, programming assignments, and a group project which reflects current industrial practice.

### Year 3 (Part II) Specialisation

You select freely from around 20 specialist courses. These are examined across three papers to allow you to concentrate more on systems, theory or applications. The advanced topics are wide-ranging and usually include:

- mobile and sensor networks, principles of communication
- specification and verification of hardware and software, semantics

- quantum computing, bioinformatics, digital signal processing
- human-computer interaction, natural language processing, e-commerce
- advanced artificial intelligence, advanced graphics, computer vision

You also work on a substantial project that demonstrates your computer science skills, writing a 12,000 word dissertation on it. Projects are often connected with current Cambridge research and many utilise cutting-edge technology.

### Year 4 (Part III, optional integrated masters) Research preparation

The fourth year is designed for students considering a career in academic or industrial research. You explore issues at the very forefront of computer science and undertake a substantial research project.

Progression onto Part III is dependent on Part II examination achievement. Successful completion of Part III leads to the MEng qualification, as well as the BA degree attained at the end of Part II.

UCAS code  
**G400 BA/CS**

#### Duration

Three or four years

#### Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

#### Other qualifications

See p144-5

**Essential** A Level/IB Higher Level Mathematics

**Highly desirable** AS or A Level/IB Standard Level Further Mathematics (required by some Colleges) and/or a physical science

No prior knowledge of programming required

#### Admissions tests

Some Colleges require STEP Mathematics (see p144) and/or some require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

#### Colleges

Available at all Colleges

#### 2011 entry

Applications/place: 5  
Number admitted: 71

#### Open days 2012

College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

#### Directions

Map reference K

#### RELATED COURSES

Engineering	53
Management Studies	104
Natural Sciences	86

#### FURTHER INFORMATION

01223 763505



undergraduate.  
admissions@  
cl.cam.ac.uk



[www.cl.cam.ac.uk](http://www.cl.cam.ac.uk)



# Economics

Our Economics course develops your understanding of economics and gives you insights into social and political issues which will be valuable in whatever future career path you take.

## Economics at Cambridge

Our course provides a sound understanding of core, pure and applied economics. However, while you study economics in considerable depth in this specialised degree, you'll employ ideas and techniques from many other disciplines too; including history, sociology, mathematics and statistics, and politics. Therefore, our graduates are extremely well qualified for a wide range of jobs and further courses.

## Teaching and resources

Past and present Faculty members, such as Alfred Marshall and John Maynard Keynes, have played a major role in the subject's development and several have been awarded the Nobel Prize in Economics. The present Faculty remains committed to using economics to improve public policy and recent staff have been active on, among other bodies, the Monetary Policy Committee of the Bank of England and the Competition Commission, and advise international agencies such as the United Nations, World Bank, IMF and OECD.

Other benefits for Cambridge economics students include access to an extensive range of statistical databases and software, and the Marshall Library of Economics, which holds a comprehensive collection of books, journals and other papers in economics. The student-run Marshall Society organises social events and informal lectures from distinguished visiting speakers such as the Governor of the Bank of England.

## Careers and research

At Cambridge, you'll develop skills in understanding complex arguments, analysis of practical issues and of data, and effective communication. Such skills are valuable in many careers, but particularly in professional, financial and managerial occupations. They also provide an advantageous foundation for numerous masters degree courses.

Many graduates go on to professional training in chartered accountancy, actuarial work and similar fields. Others are employed by financial institutions, or as professional economists in industry, government and management consultancy. Former undergraduates include the Governor of the Bank of England, Mervyn King, and the Chairman of the Financial Services Authority, Lord Turner.



Faculty of Economics

“”

*I'd definitely recommend Economics here. The teaching's great and the course is extremely broad in your first year, then you can specialise more in the areas you enjoy.*

Ares

Teaching is provided through lectures, classes and supervisions and you can expect between 10 and 15 lectures each week in the first year.

Assessment is through formal written examinations that take place at the end of each year, and the compulsory dissertation in Part IIB. Typically, you have one three-hour exam for each paper covered that year. There are also projects within the Econometrics papers in Part I and Part IIA.



### Year 1 (Part I)

Part I provides an introduction to the subject, a common core of knowledge which can subsequently be extended. There are five compulsory papers:

- Microeconomics
- Macroeconomics
- Quantitative Methods in Economics
- Political and Sociological Aspects of Economics
- British Economic History

Through these papers you cover topics such as supply and demand, the role of prices and markets, employment, inflation, the operation of financial institutions and monetary policy. The Quantitative Methods paper provides an introduction to the use of mathematical and statistical techniques in economics, and is assessed by a combination of a written exam and project work.

### Year 2 (Part IIA)

Part IIA consists of three compulsory papers:

- Microeconomics
- Macroeconomics
- Theory and Practice of Econometrics

You also take one optional paper, chosen from:

- Economic Development
- Modern Societies
- Mathematics for Economists and Statisticians
- Labour

- Analysis of Modern Politics
- International Relations

Through these papers you acquire a knowledge and understanding of a range of key topics and analytical techniques in microeconomic and macroeconomic theory, develop knowledge of key econometric techniques, and learn the IT skills needed to undertake a project in applied econometrics. An optional paper in a supporting discipline enables you to undertake more advanced papers in Part IIB.

### Year 3 (Part IIB)

The final year consists of two compulsory papers:

- Microeconomic Principles and Problems
- Macroeconomic Principles and Problems

In addition, you take two optional papers and write a compulsory dissertation of 7,500 words.

One of the objectives of the final year is to extend your knowledge of economic theory and train you to apply this theory to practical issues and

public policy. Therefore, the optional papers available can vary from year to year but recent examples include:

- Economic Theory and Analysis
- Banking, Money and Finance
- Public Economics
- The Economics of Developing Countries
- Industry
- Theory and Practice of Econometrics
- World Depression in the Interwar Years

UCAS code  
**L100 BA/Econ**

#### Duration

Three years

#### Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

#### Other qualifications

See p144-5

**Essential** A Level/IB Higher Level Mathematics

**Desirable** A Level/IB Higher Level Economics

**Useful** A Level Business Studies/IB Higher Level Business and Management, if Economics is unavailable

#### Admissions test

Some Colleges require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

#### Colleges

Available at all Colleges except Corpus Christi

#### 2011 entry

Applications/place: 7  
Number admitted: 169

#### Open days 2012

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

#### Directions

Map reference B

#### RELATED COURSES

Geography	58
History	60
Land Economy	68
Management Studies	104
Mathematics	74

#### FURTHER INFORMATION

01223 335200



ugadmit@  
econ.cam.ac.uk



[www.econ.cam.ac.uk](http://www.econ.cam.ac.uk)



# Education

Education – with the pursuit and dissemination of knowledge at its heart – is one of the most important and powerful cultural currents of change and growth in the modern world.

## Education at Cambridge

Education, as a major social science in its own right, explores the intellectual, social and psychological development from birth through to adulthood and the role of literacy, language, cognition and creativity in learning. It examines the historical contexts shaping educational ideas and movements, and the underlying philosophical principles and political beliefs promoting notions of meritocracy, equality, social inclusion, poverty alleviation and human rights.

The Education Tripos is an exciting, inter-disciplinary joint honours degree designed to give you the opportunity to engage in the intensive study of education, while developing knowledge of a particular specialist subject. The balance between education and your specialist subject is maintained throughout the degree, with a wide range of papers to choose from within the Faculty of Education and your specialist subject.

## Teaching and resources

The Faculty has excellent facilities, including a library that houses one of the UK's best education collections. You'll be taught by academics who are at the forefront of their fields and who specialise in cutting-edge educational research.

Education with	UCAS code	Education with	UCAS code
Biological Sciences	X3C9 BA/EBS	Modern and Medieval Languages (French, German or Spanish)	X3R8 BA/EMML
Classics	X3Q8 BA/EC	Music	X3W3 BA/EM
English	X3Q3 BA/EE	Physical Sciences (Chemistry or Physics)	X3F0 BA/EPS
English and Drama	X3W4 BA/EED	Religious Studies	X3V6 BA/ERS
Geography	X3L7 BA/EG		
History	X3V1 BA/EH		

## Professional qualification option

The Education Tripos provides excellent preparation for continuing onto a teacher training course. On successful completion of the degree, many students proceed to the Faculty's outstanding PGCE course.

## Careers and research

Education students progress to careers in educational research, educational psychology, educational publishing, teaching and educational policy-making, as well as careers associated with their specialist studies.

Students find employment in a wide range of occupations in the UK and abroad including: the arts, theatre, the media, museum work, educational journalism, the Civil Service, government administration, business/management and international development. The Faculty also offers the opportunity for further academic study at postgraduate level on masters courses, or by entry to the PhD programme.

In Education, you attend four to six lectures or small-group seminars and workshops, and one or two hours of supervision per week.

Depending on your specialist subject, you also attend a similar number of lectures, seminars and supervisions for your specialist subject. In some cases, this may include practicals in laboratories or drama studios or fieldwork as well.



You're assessed at the end of each year. How depends on the subject and papers studied, but this may be through coursework (eg dissertations), by practical work (eg drama productions, musical performances, laboratory or fieldwork notebooks) and/or by written examination.

### Year 1 (Prelim to Part I)

You take four papers; two in your specialist subject (usually taught by the relevant department) and two in education (taught by the Faculty of Education):

- Introduction to the Disciplines of Education – covering the philosophy, psychology, sociology and history of education
- Language, Communication and Literacy – exploring the social, psychological and material context within which spoken language and literacy are developed

### Year 2 (Part I)

In Year 2, you take five papers. Two specialist subject papers from a wide choice within each subject, two education papers, and either a further specialist subject paper or another education paper.

In the two compulsory education papers you continue to study the philosophy, psychology, sociology and history of education. If you take your fifth paper in education you study the Modernity, Globalisation and Education paper; examining the roots of modernity in the Western Enlightenment, its transformations and consequences, its impact on global development and the challenges created for education.

### Year 3 (Part II)

Part II is very flexible with choice from a wide range of options. You take five papers.

- The compulsory Research and Investigation in Education paper includes an individual enquiry-based study of an educational issue which leads to a 10,000 word dissertation. The project may involve work in schools depending on the topic chosen.
- You must take a minimum of two further education papers, at least one of which must be an Advanced Discipline in education (in either

the philosophy, psychology, sociology or history of education). The other compulsory education paper can be either a second Advanced Discipline or a Special Paper in education. Special Papers on offer vary from year to year but those currently available include: Children and Literature, Educational Inclusion and Diversity, and Creativity and Thinking.

- Your fourth and fifth papers may be taken from any of the education papers (both Advanced Disciplines and Special Papers) or may be taken in your specialist subject.

### Postgraduate Certificate in Education (PGCE)

The Faculty of Education offers the one-year PGCE course, with some 215 students training each year to teach in secondary schools and 205 students

training to teach in the primary sector. Information on the PGCE and how to apply is available online at: [www.educ.cam.ac.uk/pgce/](http://www.educ.cam.ac.uk/pgce/).

UCAS code

See details opposite

### Duration

Three years

### Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

### Other qualifications

See p144-5

**Essential** A Level/IB Higher Level in the subject you want to study with Education

### Colleges

The following Colleges admit for only some Education courses (see College pages): Emmanuel, Queens', Robinson and Trinity Hall.

Not available at the following Colleges: Corpus Christi, Girton, King's, Newnham, Pembroke, Peterhouse, St Catharine's, Sidney Sussex and Trinity.

### 2011 entry

Applications/place: 3  
Number admitted: 38

### Open days 2012

6 July – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

### Directions

Map reference N

### RELATED COURSES

Human, Social, and Political Sciences	64
Modern and Medieval Languages	81
Natural Sciences	86
Psychological and Behavioural Sciences	96

### FURTHER INFORMATION

01223 767678



ugrad@  
educ.cam.ac.uk



[www.educ.cam.ac.uk](http://www.educ.cam.ac.uk)





# Engineering

Engineering is about designing processes and making products to solve real-world problems. Our course enables you to develop your engineering knowledge, skills, imagination and experience to the highest levels in readiness for your future career.

## Engineering at Cambridge

The Cambridge course is unique. It isn't a 'general' course but allows you to keep your options open while equipping you with all the analytical, design and computing skills that underpin modern engineering practice.

Part I provides a broad education in engineering fundamentals, enabling you to make a genuinely informed choice about the area in which to specialise from your third year (many students change direction as a result). Part II then provides in-depth training in your chosen professional discipline.

## Department and facilities

The Department is a leading international centre for research, consistently ranked the highest amongst British universities. We also have strong links with industry, with many research projects funded by industrial companies.

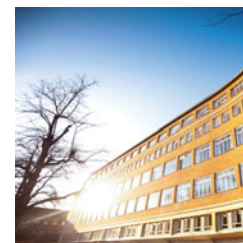
Our facilities are excellent: the Design and Project Office is equipped with more than 80 workstations; the library has 30,000 books and takes about 350 journals; and extensive mechanical and electrical workshops are available. The Department's Language Programme for Engineers offers specialised courses at all levels in French, German, Spanish, Chinese and Japanese.

## Accreditation

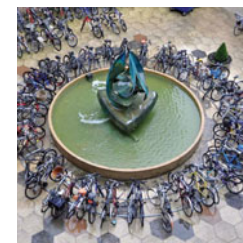
The course is accredited by all the major institutions, including the Institutions of Mechanical Engineers (IMechE), Engineering and Technology (IET), Civil Engineers (ICE), and Structural Engineers (IStructE), the Institute of Measurement and Control, the Institute of Physics and Engineering in Medicine, and the Royal Aeronautical Society. An appropriate combination of Part II papers is required in each case.

## Industrial experience

You're required to complete four weeks of industrial experience by the end of the second year, and a further four weeks by the end of the third year, obtained by deferring entry or during vacations. Our full-time Industrial Placement Co-ordinator helps deferred entrants and undergraduates to find suitable placements (in the UK and abroad) and sponsorship.



Department of Engineering



““

*The flexibility of the Cambridge course means you don't commit yourself to one particular area before studying them at degree level.*

David

# Engineering (cont.)

## Exchange programmes

About 10 per cent of our students spend their third year studying abroad through our exchange schemes with Massachusetts Institute of Technology (MIT), École Centrale Paris, the National University of Singapore (NUS), and the Technical University of Munich.

## Careers

When you graduate, you're fully qualified in your chosen area, knowledgeable across the range of engineering disciplines, and able to apply new technologies in novel situations, giving you an advantage over engineering graduates from other more narrowly focused courses. Employment prospects are typically excellent, with 98 per cent of our students finding a job within six months of graduating. The average starting salary of Cambridge Engineering graduates in 2010 was £27,400.

### Entry requirements for Engineering

**Essential** A Level/IB Higher Level Mathematics and Physics

**Highly desirable** A Level/IB Higher Level in a third mathematics/science/technology subject

Further Mathematics is strongly encouraged. If unavailable or you've recognised its desirability too late, we'd advise you to do as much additional pure maths and mechanics as possible, eg by taking stand-alone units or Further Mathematics AS/IB Standard Level.

All Colleges, except Trinity, welcome applications from students taking A Level Mathematics and a suitable vocational qualification in an engineering discipline, eg a BTEC Higher National or National Diploma, BTEC Foundation Degree, Double Award Advanced VCE. Applicants are expected to achieve the highest possible grades in A Level Mathematics and one of these qualifications. Those taking the Single Award Applied A Level in Engineering must also be taking A Levels in Mathematics and Physics.

The Advanced Diplomas in Engineering and in Manufacturing and Product Design are acceptable for Engineering providing you've taken A Level Physics and the Level 3 Certificate in Mathematics for Engineering within the Additional Specialist Learning component. Offers are based on performance in the Principal Learning units, Additional Specialist Learning and the Extended Project. See the Department website for details.

Some Colleges encourage Engineering applicants to defer entry. See the Undergraduate Study website for details.



“”

*The students on the Engineering course are very friendly, and you get to know lots of people by working on labs together.*

Liz

Teaching is provided through a mixture of lectures, practicals, projects and supervisions, and in Year 1 you can typically expect around 22 hours of teaching each week.



### Part I

The broad foundation of the first two years gives you an understanding of the basic principles of a wide range of subjects, together with an appreciation of the external pressures under which these ideas are likely to be applied.

### Year 1 (Part IA)

You take four papers and sit a three-hour written exam in each:

- Mechanical Engineering
- Structures and Materials
- Electrical and Information Engineering
- Mathematical Methods

You also undertake several coursework activities and projects, on topics including structural design, product design, presentation skills, drawing, laboratory experiments and computer programming.

### Year 2 (Part IB)

You study eight papers on core subjects at a more advanced level:

- Mechanics
- Structures
- Materials
- Thermofluid Mechanics
- Electrical Engineering
- Information Engineering
- Mathematical Methods
- Business Economics

In the third term, you select two topics from seven engineering disciplines plus a language option. These topics emphasise engineering design and introduce the more specialised work of the third year.

Coursework includes laboratory experiments and computing exercises. Several experiments are linked around the common theme of earthquake-resistant structures. A highlight of the year is the compulsory Integrated Design Project where you work in teams to design and build robot vehicles which are then tested against each other.

### Year 3 (Part IIA)

Professional specialisation begins in earnest and you study 10 papers from an extensive portfolio, from which a core is associated with one of the following disciplines:

- Aerospace and Aerothermal Engineering
- Civil, Structural and Environmental Engineering
- Electrical and Electronic Engineering
- Electrical and Information Sciences
- Energy, Sustainability and the Environment

- Engineering for the Life Sciences
- Information and Computer Engineering
- Instrumentation and Control
- Mechanical Engineering

In the final term, you choose two from a variety of design and computer-based projects, projects in a foreign language or a surveying project. A few students graduate after three years with the BA Hons degree.

### Year 4 (Part IIB)

Progression to Part IIB is dependent on examination achievement in Parts IB and IIA, and successful completion of Part IIB leads to the BA and MEng degrees.

In Part IIB, further specialisation is possible and you select eight papers from nearly 100 options which vary each year.

These papers benefit from the Department's research and are taught by experts in the particular field.

As a result you graduate with a masters-level appreciation of theory and practice in your chosen area.

A major project occupies about half of your time throughout the final year. Many projects are associated with current Department research and have direct industrial input and application. Recent projects include: remarkably shaped structures; preliminary design of a solar electric vehicle; strategy development for fuel restricted F1 races; medical imaging and 3D computer graphics; and the aerodynamics of power kites.

UCAS code  
**H100 MEng/E**

**Duration**  
Four years

**Typical offers require**  
A Level A\*AA or A\*AAA  
or A\*AAB

IB 40-42 points, with 776  
or 777 at Higher Level

See box opposite for  
subject requirements

### Admissions tests

Some Colleges may require STEP Mathematics (see p144) and some Colleges require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

### Colleges

Available at all Colleges

### 2011 entry

Applications/place: 5  
Number admitted: 344

### Open days 2012

College open days (sciences)

Cambridge Open Days –  
5 July, 6 July (see p147)

### Directions

Map reference C

### RELATED COURSES

Architecture	36
Chemical Engineering	42
Computer Science	46
Manufacturing Engineering	105
Natural Sciences	86

### FURTHER INFORMATION

01223 332625



ugrad-admissions@  
eng.cam.ac.uk



[www.eng.cam.ac.uk](http://www.eng.cam.ac.uk)



# English

If you have a passion for literature, we have a challenging course that will inspire your reading, and develop your critical and imaginative abilities.

## English at Cambridge

Over the centuries, many writers have studied in Cambridge: Spenser, Marlowe, Milton, Wordsworth, Coleridge, Byron, Tennyson, Forster, Plath, Hughes, Byatt and Zadie Smith. When established, the Cambridge course was considered daringly innovative and this ethos continues to shape teaching and research.

Today's course balances a strong grounding in the core of English literature with the chance to explore or specialise in literature from around the world, other art forms, the English language and related intellectual traditions.

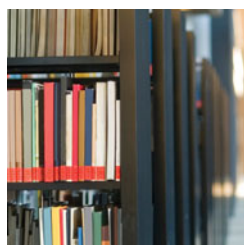
## Teaching and resources

You're taught by some of the most eminent writers, teachers and visiting Fellows who, between them, teach and research almost every aspect of literature. We have no set approach beyond instilling the valuable skills of critical thinking, scholarly rigour and good writing.

You have access to the University Library and the Faculty library, which houses around 80,000 books, and provides computer facilities, courses and welcoming features such as 'tea at three'. Our modern Faculty building also includes a drama studio and garden.



Faculty of English



Socially, many English students pursue interests in creative writing, journalism and the performing arts.

## What we're looking for

English students need an intellectual curiosity which drives them to try new things and to question in depth. We look for independent reading beyond the syllabus, and for independent, well-informed critical thinking.

## After English

Our students develop the skills of critical thinking, close reading and effective communication. Many draw directly on their subject and pursue careers in arts management or information management, or go into academia or teaching.

Those same skills are valued by employers in many other professions too, such as law, the Civil Service, industry, accountancy and social work. And, unsurprisingly, many graduates go on to work in the media, theatre and film – such as Jeremy Paxman, Emma Thompson, Stephen Fry and Sam Mendes – or become poets, novelists and playwrights.



*Different lecturers cater for a wide range of interests and subjects. There's something for everyone, and a healthy emphasis on pursuing your own interests that's intellectually liberating.*

Camilla

Teaching is provided through lectures, seminars, and small-group supervisions and classes.

You typically attend up to 10 hours of lectures or seminars, and have two to six hours of small-group teaching each week. You normally write a short essay for each supervision, which you then discuss with your supervisor.



As well as exams, there's a compulsory dissertation and you can replace three more of the written exams with coursework. Prizes are awarded for the best work. Although the course isn't focused on creative writing, it's possible to submit an original composition of your own, which would then be assessed.

This course outline information is correct as of December 2011. However, prospective students should be aware that there may be some restructuring of the course for 2013 entry. Please check online for the most up-to-date information.

## Years 1 and 2 (Part I)

### A broad range, a solid grounding

You're introduced to the full range of English literature from the Middle Ages to the present day. There are few set texts, so that while you must study widely, you can also focus on topics of interest. Over the first two years, you take two compulsory papers:

- English Literature 1300-1550
- Shakespeare

And you choose five from the following:

- English Literature 1500-1700
- English Literature 1688-1847
- English Literature 1830-Present
- Practical Criticism and Critical Practice
- European Languages and Literatures
- English Language for Literature
- Early Medieval Literature 1066-1350

It's also possible to replace one or two of these optional papers with coursework (one piece of 4,500-6,000 words, and one of 5,000 words) and to 'borrow' papers from the Anglo-Saxon, Norse, and Celtic course.

## Year 3 (Part II)

### Deeper questions, new areas

You take two compulsory papers:

- Practical Criticism
- Tragedy, which ranges from ancient Greek drama to contemporary writing
- Dreams and Visions 1066-1500
- Literature, Culture and Crisis 1631-1671
- Lyric Poetry
- Modernism and the Short Story
- Moralists: Philosophy from Plato to Today
- American Literature
- Postcolonial Literature
- History and Theory of Literary Criticism
- Literature and Visual Culture
- Contemporary Writing in English

You also write a compulsory dissertation (of 6,000-7,500 words) and either submit a second dissertation (of 6,000-7,500 words) and take one optional paper, or choose two optional papers. The optional papers change regularly but in recent years have included:

It's also possible to 'borrow' papers from the Anglo-Saxon, Norse, and Celtic; Classics; or Modern and Medieval Languages courses.

UCAS code  
**Q300 BA/E**

## Duration

Three years

## Typical offers require

A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

## Other qualifications

See p144-5

**Essential** A Level/IB Higher Level English Literature or English Language and Literature

## Colleges

Available at all Colleges

## 2011 entry

Applications/place: 4  
Number admitted: 203

## Open days 2012

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

## Directions

Map reference B

## RELATED COURSES

Anglo-Saxon, Norse, and Celtic	34
Classics	44
History	60
Linguistics	72
Modern and Medieval Languages	81
Theology and Religious Studies	98

## FURTHER INFORMATION

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www.english.cam.ac.uk



# Geography

Globalisation, environmental economics, conservation and ecology, hurricanes, coastal geomorphology, the future of Africa and other developing areas, the geography of health, cultural differences – just some of the topics you can study on the Cambridge Geography course.

## A wider world

All societies rely on relationships with each other and the physical environment. Increasingly these are fragile interdependences presenting intellectual and practical challenges. Our Geography course tackles these issues from a broad base, but also allows you to specialise.

## Facilities and resources

We have one of the UK's largest geography libraries, containing around 17,000 books, journals and periodicals, and the Scott Polar Research Institute is an integral part of the Department. There are extensive computing resources, where you receive formal teaching in geographical information technology including geographical information systems and remote sensing, and the Department's intranet provides further online resources.

## Fieldwork and travel

Fieldwork is an important part of our course and there are several one-day excursions and field trips in Years 1 and 2. A compulsory field class in Part IB leads to a piece of assessed practical work. Recent locations include Switzerland, Dublin, Berlin, Morocco and Mallorca. Some financial help is available but students are required to contribute to the cost of these field trips.

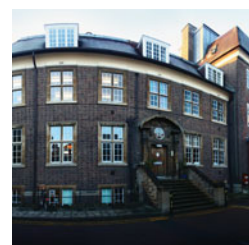
Your Part II dissertation requires basic research in the summer vacation at the end of your second year. Dissertation subjects and locations vary widely: some students travel abroad, others stay in the British Isles.

Many students organise their own overseas expeditions, often with the Cambridge University Expeditions Society. Some Department and College travel awards are available for this.

## Careers

While Geography isn't directly a 'vocational' degree, Cambridge Geography graduates are trained to deal with multivariate problems, are skilled in information retrieval, data management and computing, and are used to working on their own initiative, and as such are highly employable in a variety of professions.

Our graduates enter many different careers, including industry and commerce, planning, teaching, finance, social work, environmental management and conservation, the media, politics, and the Civil Service.



Department of Geography



“”

*I chose Geography because it's such a broad and diverse subject that spans arts and the sciences, covering topics that are crucial to understanding the world.*

Ruth

You typically have six to eight lectures each week (with associated reading). You normally have three supervisions a fortnight at which you discuss a topic, usually following preparatory reading and essay-writing. In the first and second years, you also have laboratory or practical classes, and field classes.



### Year 1 (Part IA)

You're introduced to key themes and issues by studying two core papers:

- Human Geography – topics include globalisation; Fordism and welfare; ecological, economic and political perspectives on resources
- Physical Geography – topics include tectonics and volcanism, hydrological and geomorphological processes, atmosphere and climate

You're assessed at the end of the year by one written examination for each paper.

You also take the Geographical Skills and Methods paper that covers numerical methods; survey techniques; documentary and archival data; spatial data; and field, laboratory and desk-based skills.

### Year 2 (Part IB)

All students take a core Geographical Ideas and Themes paper relating to global change, which is assessed through both coursework and written examination.

In addition, you can begin to specialise and select three papers from a choice of six, which are also assessed by a combination of coursework and examination. Each year, three human geography papers and three physical and environmental geography papers will be available. The lists below give examples of Part IB papers that may be offered.

Human geography

- Cities
- Contemporary Geographies of Capitalism
- Development
- Geography and Public Policy
- Culture and Society

Physical and environmental geography

- Processes in the Climate System
- Glacial Processes, Landforms and Sediment
- Environmental Hazards
- Biogeography
- Rivers and Coasts

Building on Part IA Skills and Methods, you also undertake project work involving a range of field, laboratory and computer skills and techniques.

All students participate in a one-week residential field class during the Easter or summer vacation. This is essential for your final year dissertation research, both in terms of inspiring your choice of topic and in acquiring specific field research skills. A piece of submitted work on the field class forms part of your second-year assessment.

### Year 3 (Part II)

You can either specialise further or maintain a balance across the subject as a whole. You select four papers from 12, which are assessed by either written examination or by a combination of written examination and coursework. Papers on offer vary each year but recent examples include:

- Europe and Beyond: Politics, Societies and Economies
- The Human Geography of the Arctic Regions
- Contemporary India: The Politics of Society, Environment and Development

- Geographies of Discipline and Social Regulation in the Nineteenth Century
- Biosedimentary Coastal Systems
- Biogeography
- Glacial Environments

You also write a dissertation of 10,000 words on a topic of your choice, which you start work on during the summer vacation between your second and third years. The topic must be defined by the second term of Year 2 and the proposal is assessed as part of your second-year coursework.

UCAS code  
**L700 BA/G**

Please note that you graduate with a BA (the University does not award BSc degrees)

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** A modern language

### Colleges

Available at all Colleges except Pembroke and Peterhouse

**2011 entry**  
Applications/place: 3  
Number admitted: 106

**Open days 2012**  
College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

### Directions

Map reference E

### RELATED COURSES

Economics	48
Education	50
Engineering	53
Human, Social, and Political Sciences	64
Land Economy	68
Natural Sciences	86

### FURTHER INFORMATION

01223 333385



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www.geog.cam.ac.uk



# History

Our History course offers a huge range of options that span two millennia and circle the globe. In fact, you have the opportunity to investigate practically any period or aspect of history that interests you.

## Across centuries and continents

Cambridge has one of the largest and best history faculties in the world and the course we offer reflects this quality and breadth of interest. Our course gives you opportunities to look at the past through many disciplinary lenses – including political, economic, social and cultural – and to explore how history has been influenced by other disciplines like anthropology, literature and archaeology.

There's ample scope throughout to pursue personal interests and experiment with different historical approaches. Some paper options are shared with other courses, such as Anglo-Saxon, Norse, and Celtic, and Classics, and specialist papers allow you to work with a variety of source materials such as music, art, cartoons and coins.

## Facilities and resources

The Faculty's major resource is our international body of over 100 experts, which has achieved outstanding teaching ratings in surveys by the UK national press.

The Seeley Library, one of the largest history libraries in the world, and the nearby University Library mean that finding the right book is rarely a problem and undergraduate historians are encouraged to take up or improve foreign languages. They have access to both the University Language Centre and specialist language teaching. Many Colleges have travel grants for students who wish to study the history of another country.

## Careers and research

Cambridge historians acquire a range of skills that are attractive to employers: the ability to work independently, to evaluate evidence, to discriminate, and to present arguments clearly and persuasively.

In the past, our graduates have had no difficulty in securing rewarding jobs in a wide variety of occupations – for example, one graduate is a television news reporter, and another is a child psychologist. Other graduates pursue careers in business and finance, in law and public administration, in journalism and broadcasting, in teaching, and in research.



Faculty of History



“”

*History at Cambridge is unique and challenging. You cover such a wide geographical and historical scope and receive the very best teaching from experts in their field.*

Andrew

Teaching is provided through Faculty lectures and classes to cover course content, and College supervisions. On average, you attend eight to 10 lectures each week.

Your weekly supervisions give you the opportunity to debate with senior historians and for which you typically write an essay. An expert supervisor then discusses it with you.



## Years 1 and 2 (Part I)

### Breadth

Part I lasts two years (six terms) and comprises six papers, the first five of which are chosen from 23 papers on offer. You study one each term for the first five terms and sit a written examination in each at the end of Year 2.

- You take at least one paper on a period of British political history and at least one paper on a period of British economic and social history.
- For the other three papers it's possible to study any period of European history from the Greeks to the present, periods of world history, the history of the USA, and/or the history of political thought. If you wish, you can specialise, for example in ancient and medieval papers, or almost entirely in the twentieth century.

For the compulsory sixth paper, Themes and Sources, you submit a 5,000 word essay. There's a wide choice of topics, typically investigating a major theme in comparative history (such as gender, democracy, revolutions or music). The essay is written over a period of some months, and involves individual research and faculty classes.

Most students also sit a Preliminary Examination towards the end of their first year. This doesn't count towards your final degree but aims to give you an informal sense of your achievement to that point.

## Year 3 (Part II)

### Depth

Students who have taken History Part I then take a one-year Part II. (The two-year Part II is for those who have taken a one-year Part I in another subject.)

You take five papers, three of which are compulsory:

- Historical Argument and Practice – a general paper that reflects on the broad issues of historical argument and practice arising out of work throughout the degree course
- a Special Subject – consisting of two papers (assessed by a long essay and a written examination) and giving the opportunity for advanced in-depth study of an important historical process or problem

For your remaining papers, you can choose two from the following:

- History of Political Thought to c1700
- History of Political Thought from c1700 to c1890
- Political Philosophy and the History of Political Thought Since c1890
- a Specified Subject paper from a selection on topics or comparable themes in history

If you wish, you can substitute one of the optional papers with a dissertation of 7,000–15,000 words.

UCAS code  
**V100 BA/H**

## Duration

Three years

## Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

## Other qualifications

See p144-5

**Essential** No specific subjects

**Highly desirable** A Level/IB Higher Level History

## Colleges

Available at all Colleges

## 2011 entry

Applications/place: 4  
Number admitted: 203

## Open days 2012

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

## Directions

Map reference B

## RELATED COURSES

Anglo-Saxon, Norse, and Celtic	34
Asian and Middle Eastern Studies	39
Classics	44
History of Art	62
Human, Social, and Political Sciences	64
Theology and Religious Studies	98

## FURTHER INFORMATION

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# History of Art

Fine collections of works of art, well-stocked libraries and the spectacular architectural environment all on your doorstep mean studying History of Art at Cambridge is particularly rewarding.

## History of Art at Cambridge

Our course covers a wide spectrum of art and architecture, from the medieval to modern periods. The aim is to foster a wide and deep understanding of art and architecture, and to help you develop visual literacy and awareness, as well as a range of critical and analytical skills.

## A treasury of resources

There's no substitute for looking at the real objects and we take full advantage of Cambridge's outstanding resources, including the Fitzwilliam Museum and its picture conservation department, Kettle's Yard and the Colleges' art collections.

The Department's comprehensive library houses a rich collection of books, and you have access to the University Library and the Fitzwilliam Museum's reference library (among others) as well. During vacations, travel is encouraged and College financial support is usually available; we also organise study outings.

## Preparation

We advise that you visit museums, exhibitions and buildings such as churches or country houses and take descriptive notes or sketches of what you see. Try to analyse the effect works of art or architecture have on you.

Some familiarity with classical mythology and the Bible is invaluable for the study of the meaning of works of art. The admissions area of the Department website suggests other preparatory reading.

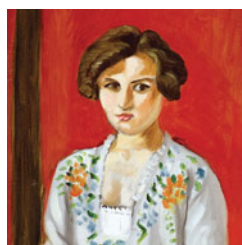
## After Cambridge

Our graduates are well equipped for employment in museums and art galleries, agencies for the care and conservation of monuments and heritage management, fine art dealing, publishing, advertising and the visual media, as well as for teaching.

Our prominent graduates include the artists Antony Gormley and Marc Quinn; the model and actress Lily Cole; Dr Philip Rylands, Director of the Peggy Guggenheim Museum in Venice; Dr Charles Saumarez Smith, Chief Executive of the Royal Academy in London; Sir Nicholas Serota, Director of the Tate Gallery; and the Hon. James Stourton, Chairman of Sotheby's UK.



Department of History of Art



“”

*The Department offers engaging lectures and 'hands on' experience with some of our country's most beautiful paintings, sculptures and buildings. It'll be a shame to graduate!*

Bobby

Teaching is provided through lectures, seminars and supervisions. First-year students typically have three hours of lectures and three hours of seminars each week.



Particular attention is paid to the first-hand study of works of art – lectures and classes are regularly held in museums, taught by curatorial staff and other visiting experts – and you receive exceptional attention and support throughout your degree.

Assessment varies according to the paper being studied, but may include written examinations, visual analysis tests (comparing and contrasting works of art), and a dissertation.

### Year 1 (Part I)

Part I provides you with a broad introduction to the history of art, and to the making and meaning of art objects, with special emphasis on the collections of the Fitzwilliam Museum. These run from the art of Ancient Egypt to modern times, and include major examples of medieval, Renaissance and post-Renaissance art as well as non-Western items.

During the year you take five compulsory papers and complete a short dissertation:

- The Objects of Art History – a survey of art and architecture that introduces the history of art from antiquity to the modern era

- The Making of Art – two papers covering issues of manufacture, technique and style in painting and sculpture in the context of their historical development
- The Meaning of Architecture and Art – two papers concerned with how works of architecture and art are interpreted in light of cultural traditions
- the short dissertation is 5,000 words on a work of art or architecture in or around Cambridge

Some practical training in photographic and graphic skills is also offered in Part I.

### Year 2 (Part IIA)

Part II deepens your knowledge and understanding by focusing in greater depth on specific issues.

In Part IIA, you take one compulsory paper along with two pairs of papers on Special Subjects:

- Approaches to the History of Art – the compulsory paper covers the history of the discipline and its critical methodologies from antiquity to the present day

- Special Subjects – chosen from a range of around 10, each pair deals with a particular person, subject or period. These currently include Anglo-Saxon art, Italian medieval architecture and cities, the work of Albrecht Dürer, Italian Renaissance and Baroque painting and sculpture, Dutch art in the Golden Age, Russian painting, Surrealism, and Post-1945 Modernism

### Year 3 (Part IIB)

In Part IIB, you take one compulsory paper, two further pairs of Special Subjects papers and submit a dissertation:

- The Display of Art – the compulsory paper explores the ways in which art is collected, displayed and experienced in society

- Special Subjects – the options available are as those in Part IIA, but you take two subjects that you haven't studied before
- the dissertation is 7,000–9,000 words on a topic of your choice, as agreed with your Director of Studies

UCAS code  
**V350 BA/HA**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** A Level/IB Higher Level in one or more of English, a foreign language (ancient or modern), History, History of Art (or equivalent), Religious Studies

**Colleges**  
Available at all Colleges except Girton, Robinson and St Catharine's

**2011 entry**  
Applications/place: 5  
Number admitted: 23

**Open days 2012**  
College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference L

### RELATED COURSES

Architecture	36
Asian and Middle Eastern Studies	39
Classics	44
History	60
Philosophy	94
Theology and Religious Studies	98

### FURTHER INFORMATION

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# Human, Social, and Political Sciences

If you want to study Politics, or Sociology, or Anthropology, or Archaeology at Cambridge this is the course for you. It offers several popular subject combinations, as well as specialist options, including Assyriology and Egyptology.

## Explore the subjects you like and experience new ones

The flexibility of Human, Social, and Political Sciences (HSPS) at Cambridge allows you to explore a variety of subjects, many of which may be new to you (such as International Relations or Biological Anthropology), before pursuing advanced study in one or two specific subjects in your second and third years. Alternatively, if you already know the subject(s) in which you want to specialise, you can tailor the course to suit your interests right from the start while retaining the option to take individual papers in other subjects as well.

You'll graduate from Cambridge having specialised in one or two subjects but will also have the advantage of a broad background across the human, social, and political sciences.

## Why choose Cambridge?

Cambridge offers a world-class undergraduate education. We have excellent teachers and learning facilities. The course is supported by two dedicated subject libraries and superb teaching resources including the Museum of Archaeology and Anthropology, the Cambridge Archaeological Unit, computing facilities, multimedia-equipped teaching rooms, purpose-built laboratories and a rare collection of ethnographic films.

## And after Cambridge?

The analytical and critical skills, intellectual versatility, multicultural sensitivity and international outlook you develop through this course are widely sought after by employers. Recent graduates have pursued careers in research (both academic and policy research), the Civil Service (including the Foreign Office), journalism, management consultancy, museums, conservation and heritage management, national and international NGOs and development agencies, the Law, teaching, publishing, health management, and public relations.



“ ”

*During the first year, the different subjects vary broadly and you have time to decide which to specialise in from the second year.*

Jonathan

Teaching is provided through lectures, supervisions and seminars. Some subjects also include practical or laboratory classes and fieldwork. In the first year, you have around eight lectures and one or two supervisions a week.



Assessment takes place at the end of each year. In most cases this takes the form of a three-hour written examination for each paper, though some are assessed by coursework. In the final year, you can choose to substitute one paper for a dissertation of up to 10,000 words.

### Year 1 (Part I)

In the first year, you choose four subjects from:

- Politics
- International Relations
- Sociology
- Social Anthropology
- Biological Anthropology
- Archaeology
- Cultures of Egypt and Mesopotamia
- Egyptian language
- Akkadian language
- Psychology

Many combinations of subjects are possible, including for example:

- Politics, Sociology, International Relations, Social Anthropology
- Social Anthropology, Sociology, Politics, Archaeology
- Biological Anthropology, Archaeology, Psychology, Social Anthropology
- Archaeology, Biological Anthropology, Cultures of Egypt and Mesopotamia, Social Anthropology
- Cultures of Egypt and Mesopotamia, Akkadian language, Egyptian language, Archaeology

### Years 2 and 3 (Part II)

For your second and third years, you can either choose one of five single-subject tracks, each of which enables you to take optional papers from other subjects; or you can choose one of six two-subject tracks.

The single-subject tracks are:

- Politics and International Relations
- Sociology
- Social Anthropology
- Biological Anthropology
- Archaeology (including Assyriology and Egyptology)

You take four papers in both Years 2 and 3. If you choose a single subject you can replace one optional paper with a paper from another HSPS subject, an interdisciplinary research methods paper, or a paper borrowed from another degree course.

The two-subject tracks are:

- Politics and Sociology
- Sociology and Social Anthropology
- Social and Biological Anthropology
- Archaeology and Social Anthropology
- Biological Anthropology and Archaeology
- Assyriology and Egyptology

You take four papers in both Years 2 and 3, choosing two from a number of options available in each subject in each year. In Year 3, you can offer a dissertation as your fourth paper.

Please note that it's not possible to change track between Years 2 and 3, unless you're switching from a two-subject track to one of the subjects within it. Some Year 3 papers may only be available if you've taken the relevant paper in your second year.

UCAS code  
**L000 BA/HSPS**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Colleges**  
Available at all Colleges except Peterhouse

**2013 entry**  
Places available: 175

**Open days 2012**  
Track-specific open days are available – see the Faculty website for details and booking

College open days (arts)  
Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B, E, G

### RELATED COURSES

Asian and Middle Eastern Studies	39
Classics	44
Geography	58
History	60
Psychological and Behavioural Sciences	96
Theology and Religious Studies	98

### FURTHER INFORMATION

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# Human, Social, and Political Sciences (cont.)

Department of Politics and International Studies



## Single-subject tracks

### Politics and International Relations

Politics and International Relations engages with the nature of the political world within countries and between them. It asks questions about how and why national and international politics have developed as they have, and how people have imagined that they might be changed. It explores issues from human rights and democracy, to financial crisis and international conflict.

#### Year 2

You take the following three papers:

- Comparative Politics
- International Relations
- The History of Political Thought

Plus one of the following options:

- two 5,000 word essays on an aspect of Politics and/or International Relations
- a paper offered in another HSPS subject
- a paper in History or History and Philosophy of Science

#### Year 3

You study a general paper in Politics and International Relations plus:

- three optional papers chosen from a range of Politics and International Relations subjects, one of which can be a dissertation
- or two optional Politics and International Relations papers plus one chosen from the other HSPS subjects

### Sociology

Sociology focuses on the nature of modern societies, how they're organized and how they're changing. It examines social institutions and the changing forms of power and inequality among other topics, and develops theories and conducts empirical research in order to deepen our understanding of the processes that shape social life.

#### Year 2

You take the following three papers:

- Social Theory
- Modern Societies II
- Concepts and Arguments in Sociology or a paper in statistics and methods

Your fourth paper can be in sociology or can be chosen from a range available in the other HSPS subjects, History and Philosophy of Science, Psychological and Behavioural Sciences, or History.

#### Year 3

- You choose three papers from a range of subjects in sociology and social theory. If you wish, you can offer a dissertation in place of one of these.
- Your final paper can be another in sociology, one from another HSPS subject, or from Psychological and Behavioural Sciences.

### Social Anthropology

Anthropologists address 'what it is to be human' by doing in-depth participatory studies (fieldwork) on the amazingly varied ways people live, think and relate to each other in every part of the modern world: from love and intimacy in online worlds, to how Amazonian communities respond to deforestation; how globalization affects factory workers in India, to experiences of citizenship and democracy in African cities.

#### Year 2

You take three core papers covering politics, economics, kinship, religion, and anthropological theory and methods, and one optional paper.

#### Year 3

Your two core papers explore cross-cultural unities and diversities in human thinking, emotions, and moralities; and diverse forms and responses to the global political economy. Through these papers you also choose a region (eg Latin America, South Asia, Africa, Europe) to study in depth. Your two optional papers may include a dissertation, which you can base on your own ethnographic fieldwork.

Optional paper topics in both years include the anthropology of city life, gender, colonialism, law, development, medicine and health, and film and the arts; as well as choices from the other HSPS subjects.

### Biological Anthropology

Biological Anthropology explores human biology and evolution, with an emphasis on the interaction between biology and culture. It includes the study of the place of humans in nature and the pattern of human diversity, and investigates our evolutionary history, adaptations, genetics, behaviour, and health and disease throughout the past and among modern societies.

#### Year 2

The second year includes three papers which explore broad themes within biological anthropology; humans in a comparative perspective, human evolution, and life history and health. Your remaining paper is chosen from a range offered in the other HSPS subjects or History and Philosophy of Science.

#### Year 3

The third year emphasises current issues and advanced methods within the different branches of the subject. You take:

- a theory and practice paper
- two further biological anthropology papers, one of which may be substituted for a dissertation
- either a fourth biological anthropology paper, or one chosen from a selection offered in the other HSPS subjects

### Archaeology

Archaeology uses material culture to explore the diversities and commonalities of the human past. It is geared equally to students with humanities, social science and science backgrounds. You may learn field archaeology by joining staff research projects in all parts of the world.

#### Year 2

You take core papers in Archaeological Thought and Archaeology in Action (a mix of lab and fieldwork) and two papers from a range of options allowing you to specialise in the archaeology of a particular period (eg Early Prehistory, the Roman Empire, Medieval Europe), or region (eg Europe, Africa, South Asia), or in Archaeological Science.

One of these papers can be substituted for one chosen from the other HSPS subjects, History and Philosophy of Science, History, or Classics.

#### Year 3

You take an advanced paper in Archaeological Thought and either two archaeology papers from a number of specialist options, or one further archaeology paper and a dissertation. Your fourth paper is chosen from a range available in the other HSPS subjects.

### Assyriology

Assyriology is the study of the languages (Akkadian and Sumerian), literature, history and archaeology of ancient Mesopotamia – the location of the world's first urban and literate society and some of the earliest empires. Each year you take one paper in Akkadian together with two papers in Mesopotamian prehistoric and historic archaeology, political history and/or culture, or Sumerian plus:

#### Year 2

- one additional paper chosen from Archaeological Thought, Archaeology in Action or a further archaeology paper

#### Year 3

- a paper chosen from Archaeological Thought, a second Mesopotamian language paper, a further archaeology paper, or a dissertation

### Egyptology

Egyptology is the study of the languages, literature, history, archaeology and religion of Pharaonic Egypt. You study written sources, architecture, art and material culture. In each year you take one Egyptian language paper together with two papers in Egyptian archaeology, plus:

#### Year 2

- one additional paper chosen from Archaeological Thought, Archaeology in Action or a further archaeology paper

#### Year 3

- a paper chosen from Archaeological Thought, a further archaeology paper, or a dissertation



# Land Economy

## Environment, Law, Economics

If you're looking for an intellectually challenging course that has many excellent career opportunities, Land Economy at Cambridge is for you.

### A challenging combination

Law, economics, and their relationship to the built and natural environment are central to Land Economy, along with other areas such as business regulation, the financial aspects of real estate and international development.

The multidisciplinary nature of the course is particularly relevant in the twenty-first century where the environment, law and economics and the control of scarce resources affect the daily lives of people around the world.

### Teaching and resources

Our lecturers are specialists in their own fields and include lawyers, economists, environmentalists, and experts in business, finance and quantitative methods. Many are involved in research projects of national and international concern.

We have dedicated lecture and seminar rooms equipped for both traditional and interactive lectures, and a comprehensive library. There's an extensive range of computing facilities, including an intranet store of much teaching, careers and other useful information.

### Professional training

This degree differs from similar courses elsewhere because it's not wholly vocational: there's an emphasis on high intellectual and academic content, which appeals greatly to employers.

However, the degree is accredited by the Royal Institution of Chartered Surveyors (RICS) and allows graduates to progress directly to the Assessment of Professional Competence to become a full member of the RICS. It also gives partial exemption from the academic requirements of the Bar Council and Law Society.

### Exceptional employment prospects

The Department has one of the strongest records for graduate employment across the University; a reflection of its strong applied base and emphasis on the development of critical employment skills.

Our graduates go on to become lawyers, economists, civil servants or to work for national and international agencies. Many go into financial, business or management careers, and others enter public service with local or national organisations or proceed to further education and research.



Department of Land Economy



“”

*There are lots of options available. I can tailor it to my own strengths and interests and it opens up all kinds of fantastic job prospects.*

Elaine

Teaching in the Department is a mix of lectures, seminars, project work, field trips and supervisions.

In a typical week, you can expect 10–15 hours of lectures and two supervisions.



#### Year 1 (Part IA)

Part IA provides the framework for later specialisation. You acquire a thorough grounding in the core disciplines of law and economics and are introduced to the multidisciplinary nature of the degree through four compulsory papers:

- Economics
- The Public Sector: Institutional and Legal Frameworks
- Quantitative Methods for Land Economy
- Land Economy, Development and Sustainability

During your first year you develop a sound numerical base, computer literacy, and skills in oral presentation and report preparation.

Assessment is by written examination and through coursework and projects, including statistical exercises and oral presentations.

#### Year 2 (Part IB)

In Part IB, you can continue studying a broad range of law, environment and economics or choose to specialise more closely in one of the three disciplines. You take five papers, including at least one paper from a choice of two on law, and select your other four papers from a choice of six. Current options include:

- Environmental Economics and Law
- Fundamentals of Finance and Investment
- The Built Environment
- Land and Urban Economics
- The Law of Real Property: Principles, Policy, and Economic Implications

Assessment is through written examinations and coursework.

#### Year 3 (Part II)

Part II continues the work of the second year, with further opportunity for breadth or depth. You're required to take four papers and submit a dissertation.

The four papers are chosen from a wide range of options, which currently includes:

- Law and Economics
- Landlord and Tenant Law
- Planning Policy and Practice
- Land, Food and Ecosystem Services
- Land Policy and Development Economics
- Advanced Techniques in Finance and Investment for Real Estate

You also write a 10,000 word dissertation on any aspect of the Department's work of your choosing.

Dissertation topics have covered all the research interests of Departmental staff (including many with an international focus) and this is the opportunity to specialise in a topic that interests you.

The choice is very broad and in the past students have written on, for example:

- land reform in Zimbabwe and Slovakia
- international regulations on marine pollution
- conservation in rural Cambridgeshire
- electronic transfers of land
- housing policies and brown-field sites
- a legal examination of the Palestinian right of self-determination
- analysis of crofters' rights in Scotland
- valuation of anchor tenants in retail developments

UCAS code  
**KL41 BA/LE**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Admissions test**  
Some Colleges require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

**Colleges**  
Available at all Colleges except Churchill, Corpus Christi, Emmanuel, King's and Peterhouse

**2011 entry**  
Applications/place: 4  
Number admitted: 57

**Open days 2012**  
6 July – booking required, see the Department website

College open days (arts)  
Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference F

#### RELATED COURSES

Architecture	36
Economics	48
Geography	58
Human, Social, and Political Sciences	64
Law	70
Management Studies	104

#### FURTHER INFORMATION

01223 337147

landeconugadmissions@lists.cam.ac.uk

[www.landecon.cam.ac.uk](http://www.landecon.cam.ac.uk)

# Law

Questions of analysis and interpretation, logical reasoning, ethical judgement, political liberty and social control: Law at Cambridge allows undergraduates to see law in its historical and social contexts, and to examine its general principles and techniques.

## Law at Cambridge

Although our course is primarily concerned with English law, there are opportunities to study other legal systems, including civil (Roman) law, EU law, and international law. You can also study theoretical and sociological aspects of law such as jurisprudence or parts of criminology.

## Facilities and resources

The present Faculty teaching staff has expertise across nearly every aspect of English law and its history, as well as European Union law, international law, civil law, legal philosophy and criminology.

The Faculty building houses lecture theatres, seminar rooms and a moot court, as well as the comprehensive Squire Law Library, offering over 180,000 volumes and excellent computing facilities.

The Faculty and University Law Society organise numerous activities including formal meetings, informal barristers' and solicitors' evenings, social events, lectures and moots (debates about hypothetical legal cases).

## Vocational training

A Law degree alone is not a qualification for practice but 'qualifying law graduates' (who've passed the

seven 'foundation' subjects) may proceed directly to the vocational training courses preparing them for the final professional examinations. The seven foundation subjects are: Constitutional Law, Criminal Law, Law of Tort, Law of Contract, Land Law, Law of Trusts (Equity), and Law of the European Union.

## Erasmus Scheme

The Faculty has exchange agreements with universities in France, the Netherlands, Germany and Spain. About 20 undergraduates can spend their third year abroad studying the law of one of these European countries. See the Faculty website for details.

## After Cambridge

Most Law undergraduates intend to practise law as barristers or solicitors and our graduates are prominent in both branches of the legal profession, in the judiciary and in academic life.

Others seek careers in administration, management, politics or finance and find employment within the legal departments of the Civil Service, local government, industrial and commercial firms, banks, and international organisations.



Faculty of Law

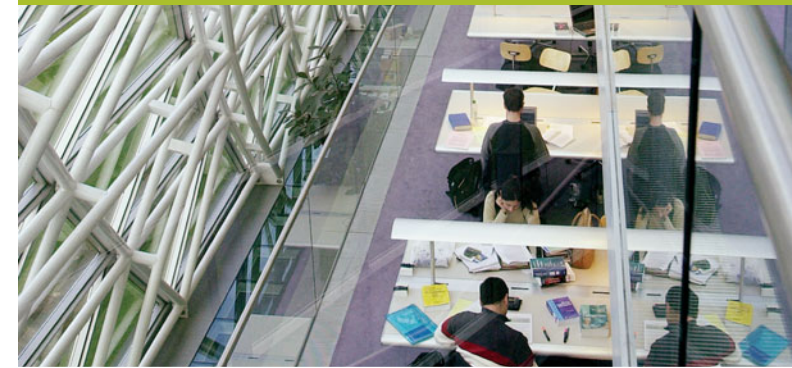


“”

*Studying Law at Cambridge offers one of the most interesting, thought-provoking, and life-changing experiences you could possibly have at university.*

Philip

For each subject, you attend lectures given by teaching members of the Faculty. The typical number of lecture hours for each paper is 40 per year, mostly timetabled for the first two terms of each year, which equates to about eight hours of lectures a week. You normally have a fortnightly College supervision in each subject as well.



Those wishing to practise law also take the Freshfields Legal IT Research Skills Course, which gives a grounding in the use of IT in the Law, and includes valuable research and study skills required by the legal professions.

Each paper is assessed by a written examination at the end of the year. In the third year, you have the option of substituting one paper for a dissertation.

### Year 1 (Part IA)

In the first year, all students take the same four papers:

- Criminal Law
- Constitutional Law
- Civil Law
- Law of Tort

### Year 2 (Part IB)

In your second year, you choose five papers from a wide range of options. Most students take Contract Law and Land Law. Other options are:

- Family Law
- International Law

- Administrative Law
- Criminal Procedure and Evidence
- Legal History
- Civil Law II
- Criminology, Sentencing and the Penal System
- European Union Law

### Year 3 (Part II)

In the third year, you select and study five papers from an even more extensive range.

Most students take Equity and European Union Law but you can develop your interests in, for instance:

- commercial law
- public law subjects
- labour law
- more theoretical aspects of law, such as jurisprudence

You can take certain half-papers as well. In recent years, subjects available have included:

- Landlord and Tenant Law
- European Human Rights Law
- Medical Law
- Media Law

You can also participate in a seminar course, submitting a dissertation in place of one paper. Seminar courses vary each year but in the past have included Family in Society, Women and the Law, Ethics and Criminal Law, Public Law, and International Law.

### Admissions test

Most Colleges require applicants to take the Cambridge Law Test at interview to assess their potential for the study of law. It's used as an additional piece of information for admissions decisions, alongside the other elements of the application. No prior knowledge of the Law is required or expected. Further information is available on the Faculty of Law website at: [www.law.cam.ac.uk/admissions/](http://www.law.cam.ac.uk/admissions/).

UCAS code  
**M100 BA/Law**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Admissions test**  
Most Colleges require applicants to take the Cambridge Law Test (see below)

**Colleges**  
Available at all Colleges

**2011 entry**  
Applications/place: 5  
Number admitted: 196

**Open days 2012**  
4 July – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

See the Faculty website for information regarding the three-day Sixth-Form Law Conference held each March

**Directions**  
Map reference B

### RELATED COURSES

Human, Social, and Political Sciences	64
Land Economy	68
Management Studies	104
Philosophy	94

### FURTHER INFORMATION

01223 330033



enquiries  
[@law.cam.ac.uk](mailto:@law.cam.ac.uk)



[www.law.cam.ac.uk](http://www.law.cam.ac.uk)



# Linguistics

Are you curious about our most crucially human attribute, language? Is a subject that combines the arts and sciences appealing? If you've found yourself asking 'why?' or 'how?' in relation to language, then Linguistics is for you.

## Language and linguistics

Linguistics is the systematic study of human language. Superficially, there's huge variation among the world's languages, and linguists not only describe the diverse characteristics of individual languages but also explore properties which all languages share and which offer insight into the human mind.

The interdisciplinary study of linguistics draws on methods and knowledge from a wide range of subjects. For instance, the study of meaning draws on philosophy, whereas the analysis of the speech signal uses methods from physics and engineering, while the study of language acquisition draws on psychology.

This variety is what makes linguistics fascinating: one day you might be poring over a medieval text for evidence of how the grammar of a language has changed, and the next, learning about how the larynx creates sound energy for speech, or how we can record brain responses to a categorisation task.

## The Department

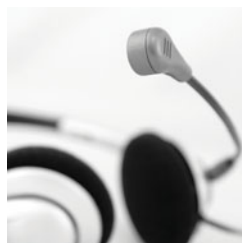
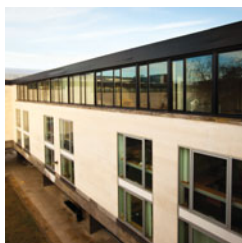
The Department has internationally acknowledged expertise across an unusually wide range of

language-related disciplines, both theoretical and applied. Situated within the Faculty of Modern and Medieval Languages, the Department of Theoretical and Applied Linguistics benefits greatly from colleagues specialising in the linguistics of particular European languages.

## After Linguistics

Linguistics graduates find employment in a wide range of professions. The broad interdisciplinary training means that our graduates emerge with transferable skills that are greatly sought after by employers; for example, students learn to analyse quantitative data, construct abstract (grammatical) models, and test alternative hypotheses.

Linguistics provides a particularly good preparation for vocational training too, in fields such as speech therapy, teaching, speech and language technology (eg developing speech recognition and translation software), law, translation, interpreting, and even forensic linguistics. Familiarity with the range of human languages is also a huge advantage in careers where rapid learning of unfamiliar languages may be involved, such as the Diplomatic Service.



“”

*Studying Linguistics I can explore the full scope of a discipline which is still developing in many exciting directions, and focus on areas which I really enjoy.*

Amelia

Linguistics is divided into a one-year Part I and a two-year Part II, and teaching is by a mixture of lectures and supervisions. A typical week involves four hours of lectures and two hours of supervisions, with additional practical classes for some areas such as phonetics.

Apart from the final-year dissertation, assessment is by written examination, and there are practical exams in phonetics.



### Year 1 (Part I)

Part I provides a foundation across a wide range of linguistics taught within the Department of Theoretical and Applied Linguistics. You take the following four papers:

- Sounds and Words
- Structures and Meanings
- Language, Brain and Society
- History and Varieties of English

### Part II

Part II allows you to specialise in the areas which particularly interest you. There's a wide choice of topics to choose from, taught by the Department as well as other faculties and departments.

- Phonetics
- Phonology
- Morphology
- Syntax
- Semantics and Pragmatics
- Historical Linguistics
- History of Ideas on Language
- History of English
- Language acquisition
- Psycholinguistics
- Cognitive Speech Processing
- Typology
- various papers in the linguistics of particular languages

### Year 2 (Part IIA)

In Part IIA, you take four papers chosen from a wide range of options dealing with different linguistic levels and perspectives, which may include the following (not all options are offered every year):

### Year 3 (Part IIB)

In Part IIB, you take:

- Linguistic Theory – a compulsory general theory paper
- two further papers from the remaining Part IIA options

Part IIB also includes an element of individual research as you write a dissertation of 8,000-10,000 words on a topic of your choice.

UCAS code  
**Q100 BA/L**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** A foreign language, A Level/IB Higher Level English Language

**Colleges**  
Available at all Colleges except St Catharine's

**2011 entry**  
Applications/place: 3  
Number admitted: 36

**Open days 2012**  
16 March – booking required, see the Department website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

### RELATED COURSES

Anglo-Saxon, Norse, and Celtic	34
Asian and Middle Eastern Studies	39
English	56
Human, Social, and Political Sciences	64
Modern and Medieval Languages	81
Psychological and Behavioural Sciences	96

### FURTHER INFORMATION

01223 335010

dtal-admin@lists.cam.ac.uk

www.mml.cam.ac.uk/dtal/

# Mathematics

## Including Mathematics with Physics

Cambridge is renowned for the excellence of its Mathematics course. Equally challenging and rewarding, it offers the opportunity to study a wide range of subjects: everything from black holes to the most abstruse logic problems.

### Flexibility: a course that suits you

The Cambridge Mathematics course is often considered to be the most demanding undergraduate Mathematics course available in Britain and, correspondingly, one of the most rewarding.

Two other aspects of the course that our students greatly appreciate are its flexibility and the breadth of subjects offered. The amount of choice increases each year and after Year 1 the workload isn't fixed so you can choose the number of options you study to suit your own work pattern. Some students take as many options as they can; others take fewer and study them very thoroughly.

### Our Faculty

Since Sir Isaac Newton was Lucasian Professor (1669–96), mathematics teaching and research here have been enhanced by a string of brilliant mathematicians including six Fields Medallists and even a Nobel Prize winner. Most current Faculty members are leading international authorities on their subjects.

Our Faculty is also closely linked with the Isaac Newton Institute, which attracts specialists from all over the world to tackle outstanding problems in the mathematical sciences.

### Careers

A Cambridge Mathematics degree is versatile and very marketable. The demand for our mathematicians is high in business, commerce and industry, as well as the academic world.

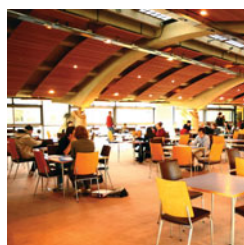
Around 45 per cent of our students go on to further study, while others follow a wide variety of careers. Recent graduates include a metrologist, sports statistician, journalist, and an avionics, radar and communications engineer, as well as teachers, actuaries, accountants, IT specialists, financiers and consultants.

### STEP

*For information about STEP, see p144. The University runs an intensive study course offering support for the STEP Mathematics examination. Offer-holders from non-selective state schools that are unable to provide support/preparation for STEP Mathematics may be invited to attend.*



Faculty of Mathematics



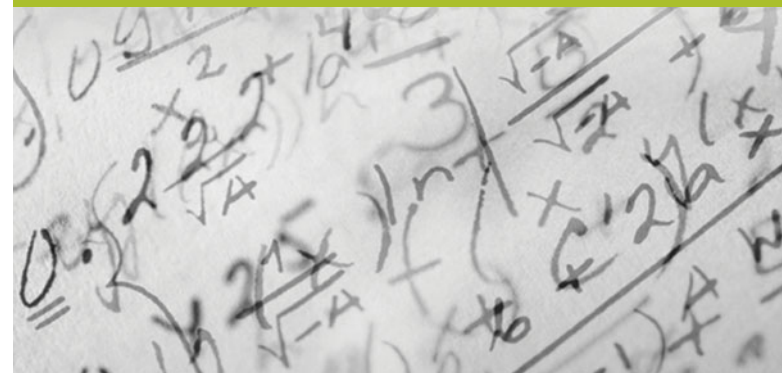
“”

*Mathematics is challenging but has beautiful aspects to it. The Cambridge course attracted me because it provides greater opportunities than most other universities I considered.*

Stephen

In Year 1, you typically have 12 lectures and two supervisions each week. In the following years, the greater choice and flexibility means that the pattern of lectures and supervisions is more irregular, but the average load is roughly the same.

You sit four written examination papers each year. In addition, there are optional computer projects in Years 2 and 3. In the fourth year, each course is examined individually.



### Year 1 (Part IA)

In the first year, you choose one of two pathways:

- option (a) Pure and Applied Mathematics, for students intending to continue with Mathematics
- option (b) Mathematics with Physics, for students who may want to study Physics after the first year

You can still continue with Mathematics in the second year, if you take option (b).

Part IA introduces you to the fundamentals of higher mathematics, including:

- the study of algebraic systems (such as groups)
- analysis of calculus
- probability
- mathematical methods (such as vector calculus)
- Newtonian dynamics and Special Relativity

You take four papers. Those taking Mathematics with Physics replace one Mathematics paper with the Part IA Physics paper from Natural Sciences, covering, for example, kinetic theory, Fourier analysis, and electromagnetism.

### Year 2 (Part IB)

In Part IB, you choose from 17 options available. In most, the topics of the first year are studied in much greater depth. Several new topics are also offered, for example:

- geometry
- electromagnetism, quantum mechanics and fluid dynamics

- applicable mathematics, which includes statistics and optimisation (a rigorous treatment of topics from decision mathematics)
- numerical analysis

There are also optional computational projects (assessed by means of note books and programmes submitted before the summer examinations), using computers to solve mathematical problems.

### Year 3 (Part II)

Year 3 gives you the opportunity to explore your mathematical interests in detail. There's a very wide choice including papers such as:

- Coding and Cryptography
- Algebraic Topology
- Number Theory

- Cosmology
- General Relativity
- Stochastic Financial Models
- Waves

There's also the option of studying computational projects.

### Year 4 (Part III)

Part III has a world-wide reputation for training the very best research mathematicians. Progression to Part III, in which over 80 options

are offered, normally requires a first in Part II or a very good performance in Parts IB and II, and successful completion leads to a BA with MMath. See the Faculty website for more details.

UCAS code  
**G100 BA/Math**

### Duration

Three or four years

### Typical offers require

A Level A\*AA + STEP

IB 40–42 points, with 776 or 777 at Higher Level + STEP

### Other qualifications

See p144–5

**Essential** A Level/IB Higher Level Mathematics and AS Level Further Mathematics

**Highly desirable** A Level Further Mathematics, IB Higher Level Physics, Mechanics modules

**Useful** A Level Physics

### Colleges

Available at all Colleges (Wolfson only offer Part III)

Most Colleges don't encourage deferred entry

### 2011 entry

Applications/place: 5  
Number admitted: 238

### Open days 2012

28 April, 12 May – booking required, see the Faculty website

College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

### Directions

Map reference A

### RELATED COURSES

Computer Science	46
Economics	48
Engineering	53
Management Studies	104
Natural Sciences	86

### FURTHER INFORMATION

01223 766879



admissions@  
maths.cam.ac.uk



www.maths.cam.ac.uk



# Medicine

At Cambridge, we offer two medicine courses – the Standard Course and the Graduate Course. With both, our aim is to educate students to become compassionate, thoughtful, skilled members – and leaders – of the medical profession.

## Hard work, very rewarding

Success in medicine requires application and hard work, both while studying and when in practice. However, it brings great rewards in terms of job satisfaction, involving as it does a combination of science and human interactions, and numerous career opportunities. Our medicine courses provide the education and training required to be one of tomorrow's doctors, reflecting the latest advances in medical sciences and practice.

Graduates are entitled to hold provisional registration with the General Medical Council (GMC) with a license to practise, subject to demonstrating to the GMC that they are fit to practise. To achieve full registration as a doctor, you must complete a two-year period of satisfactory service in a Foundation Programme post and continue to meet fitness to practise requirements.

## Careers

Most UK graduates go on to work in the NHS, and about half become general practitioners. There is a broad spectrum of hospital-based careers across medical, surgical and other specialties, but healthcare is moving towards a more community-centred model of delivery, and consequently doctors are increasingly expected to deliver healthcare in a range of settings.

## The MB/PhD Programme

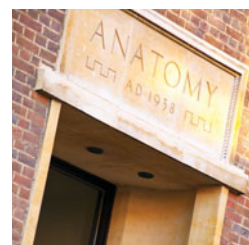
Designed for medical students who are planning a career in academic medicine, the MB/PhD Programme intercalates three years of research with the three years of Clinical Studies in Cambridge. See online for details.

## Postgraduate Foundation Programmes

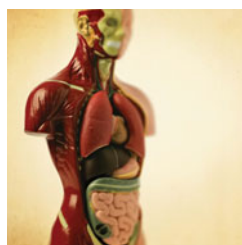
The Clinical School works closely with the Eastern Postgraduate Deanery to provide Foundation Programmes as the first part of postgraduate education. During your Foundation Programme, usually at the end of Year 1, you receive full registration with the GMC provided that you can demonstrate that you are fit to practise medicine.

## NHS Bursaries

*NHS Bursaries are available for eligible Medicine students. See the NHS Student Bursaries website at: [www.nhsbsa.nhs.uk/students](http://www.nhsbsa.nhs.uk/students).*



Department of Anatomy



“”

*Medicine here is incredible. In the first year, we have full body dissection (offered in very few UK medical schools), which is an amazing way to learn anatomy.*

Mhairi

At Cambridge, you study the medical sciences first, before moving on to apply that knowledge to medical practise as a clinical student.



The first three years are taught through lectures, practical classes (including dissections) and supervisions, with typically 20–25 timetabled teaching hours each week. The emphasis during the Clinical Studies in Cambridge is on learning in clinical settings: at the bedside, in outpatient clinics and in GP surgeries, which is supported by seminars, tutorials and discussion groups.

The public expect their doctors to be knowledgeable and well informed so assessment plays a significant role throughout. Your on-going progress is reviewed weekly and termly by your College supervisors. Formal assessment, which determines your ability to proceed with the course, includes written and practical examinations, multiple-choice questions, coursework submission and clinical assessments.

Successful completion of the first three years leads to a BA degree and on successful completion of the Clinical Studies you are awarded two degrees, the Bachelor of Medicine and the Bachelor of Surgery (MB, BChir).

## Pre-Clinical Studies Years 1 and 2

In Years 1 and 2, the Medical and Veterinary Sciences Tripos (MVST), you study the medically-relevant core scientific knowledge and skills that you will need as a medical professional.

Taught by some of the world's top academic scientists, we provide you with the scientific basis that will allow you to develop your medical career to its full, whether your aim is to deliver outstanding patient care or whether you wish to contribute to clinical academic medicine, combining research and teaching with clinical duties to push forward the boundaries of health care.

Read more about the MVST online at: [www.cam.ac.uk/mvst/](http://www.cam.ac.uk/mvst/).

## Clinical Studies

The Clinical Studies for students who stay in Cambridge are based at Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust. You also spend time in other regional NHS hospitals throughout East Anglia and in general practices in Cambridge and the surrounding region.

Throughout the Clinical Studies, you build on your biomedical science education; developing the knowledge, skills and attitudes required to practise clinical medicine. Following an introductory course, the curriculum consists of three stages, each with its own focus and built around several major themes, including:

## Year 3

You specialise in one of a wide range of other subjects offered by the University (sometimes known elsewhere as intercalation) to qualify for the BA degree. Options include:

- Part II Biological and Biomedical Sciences (see p92)
- a single Part II Natural Sciences subject (see p92-3)
- a subject less obviously related to medicine, such as Anthropology, Management Studies or Philosophy

The majority of Cambridge medical students then continue their Clinical Studies at Cambridge; the remainder go to other clinical schools, usually in London or at Oxford. The University co-ordinates the admission of students to the various clinical schools and the majority progress to their first choice.

- communication skills, patient investigation and practical procedures
- therapeutics and patient management
- core science, pathology and clinical problems
- evaluation and research
- personal and professional development
- the multi-professional workplace

During your Clinical Studies, you have weekly small-group 'clinical supervisions' from junior doctors to develop and monitor your clinical skills.

Read more about the Clinical Studies online at: [www.medschl.cam.ac.uk/education/prospective/](http://www.medschl.cam.ac.uk/education/prospective/).

UCAS code

Standard Course

**A100 MB/BChir**

## Duration

Six years

## Typical offers require

A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

Other qualifications  
See p144-5

See box on p78 for  
subject requirements

## Admissions test

All Colleges require  
Standard Course applicants  
to take the BMAT  
[www.cam.ac.uk/study/  
undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/)

Applicants are responsible  
for registering for the BMAT  
by 1 October 2012

## Age

Applicants must be 18  
by the start of the second  
term of Year 1

## Colleges

Standard Course available  
at all Colleges except  
Homerton and Hughes Hall

## 2011 entry

Applications/place: 6  
Number admitted: 270

## Open days 2012

College open days (sciences)  
Cambridge Open Days –  
5 July, 6 July (see p147)

## Directions

Map reference E, G

## RELATED COURSES

Engineering	53
Law	70
Natural Sciences	86
Psychological and Behavioural Sciences	96

## FURTHER INFORMATION

[www.medschl.cam.  
ac.uk/education/  
prospective/](http://www.medschl.cam.ac.uk/education/prospective/)





# Medicine (cont.)

## Entry requirements for Medicine

Up to four medical courses may be entered on your UCAS application. Your remaining choice can be used for an alternative course without prejudice to your commitment to medicine.

*'Science/mathematics subjects' refers to Biology/Human Biology, Chemistry, Physics and Mathematics. It does not include Psychology.*

### GCSEs

- Grade C or above in GCSE (or equivalent) Double Award Science and Mathematics.
- Two single awards in GCSE Biology and Physics may be substituted for Double Award Science.

### AS/A Levels

- AS or A Level passes in Chemistry and two of Biology/Human Biology, Physics, Mathematics.
- At least one pass must be at A Level, although most applicants have at least three science/mathematics A Levels and some Colleges require this (see College websites for details).

Please note that in the past three admissions rounds, 97 per cent of applicants for Medicine (A100) offered three or more science/mathematics A Levels and, of these, 21 per cent were successful in obtaining a place. Of the three per cent of applicants who offered only two science/mathematics A Levels, just three per cent were successful in gaining a place.

## International Baccalaureate

The GCSE and AS/A Level subject requirements also apply to the IB:

- Individual Middle Years Programme subject results validated by the IB at grade 4 or above will satisfy the GCSE requirements
- Standard Level subjects are broadly comparable to AS Levels, and Higher Level subjects are broadly comparable to A Levels

## Other examination systems

See p144-5 and consult any College Admissions Tutor for further advice.

*Only 22 places are available each year for overseas-fee-status students.*

## Graduate entry

Graduates may apply for the standard Medicine course (A100) as an affiliated student to Lucy Cavendish, St Edmund's or Wolfson Colleges with:

- a good science honours degree
- passes at GCSE and AS/A Levels (or equivalent) as above

Alternatively, UK and EU graduates from any discipline (who also satisfy the above, including A Level Chemistry, normally passed within seven years of entry) may apply to the accelerated Graduate Course in Medicine (A101, see opposite).

## Selection

Applicants must be keen scientists with a sound scientific understanding. As selection for medical school implies selection for the medical profession, admissions decisions are informed by national guidance on what makes a good doctor. In addition:

- trainee doctors must satisfy the GMC's fitness to practise requirements, both when applying and throughout the course
- offer holders are required to undergo an Enhanced Disclosure through the Criminal Records Bureau
- successful applicants must complete a confidential occupational health questionnaire and be immunised against certain infections

See full details at: [www.cam.ac.uk/study/undergraduate/courses/medicine/](http://www.cam.ac.uk/study/undergraduate/courses/medicine/).

If you are a disabled applicant, including applicants with a Specific Learning Difficulty or health condition, please contact a College Admissions Tutor as early as possible to discuss your needs and the course requirements. Such disclosures will be considered independently of your academic qualifications and the interview process. Please also see p20.



## Graduate Course in Medicine

In addition to the Standard Course (A100), we also offer the Graduate Course in Medicine (A101). Open to UK/EU graduates of any discipline (see opposite for entry requirements), successful completion of the accelerated Graduate Course leads to the MB, BChir degree in four years.

The Graduate Course integrates core medical science with clinical medicine, with an emphasis on the development of clinical skills through direct patient contact in hospital and community environments throughout East Anglia.

Please note that all applicants for this course need to complete the specific Graduate Course in Medicine application form in addition to their UCAS application.

You can find full details about the Graduate Course online at: [www.medschl.cam.ac.uk/cgc/](http://www.medschl.cam.ac.uk/cgc/).

UCAS code

**A101 MB/Chir4**

### Duration

Four years

### Colleges

Graduate Course available at Hughes Hall, Lucy Cavendish and Wolfson only

It is not possible to apply for deferred entry to the Graduate Course in Medicine

### 2011 entry

Applications/place: 11  
Number admitted: 21

### Open days 2012

Contact one of the participating Colleges  
Cambridge Open Days – 5 July, 6 July (see p147)



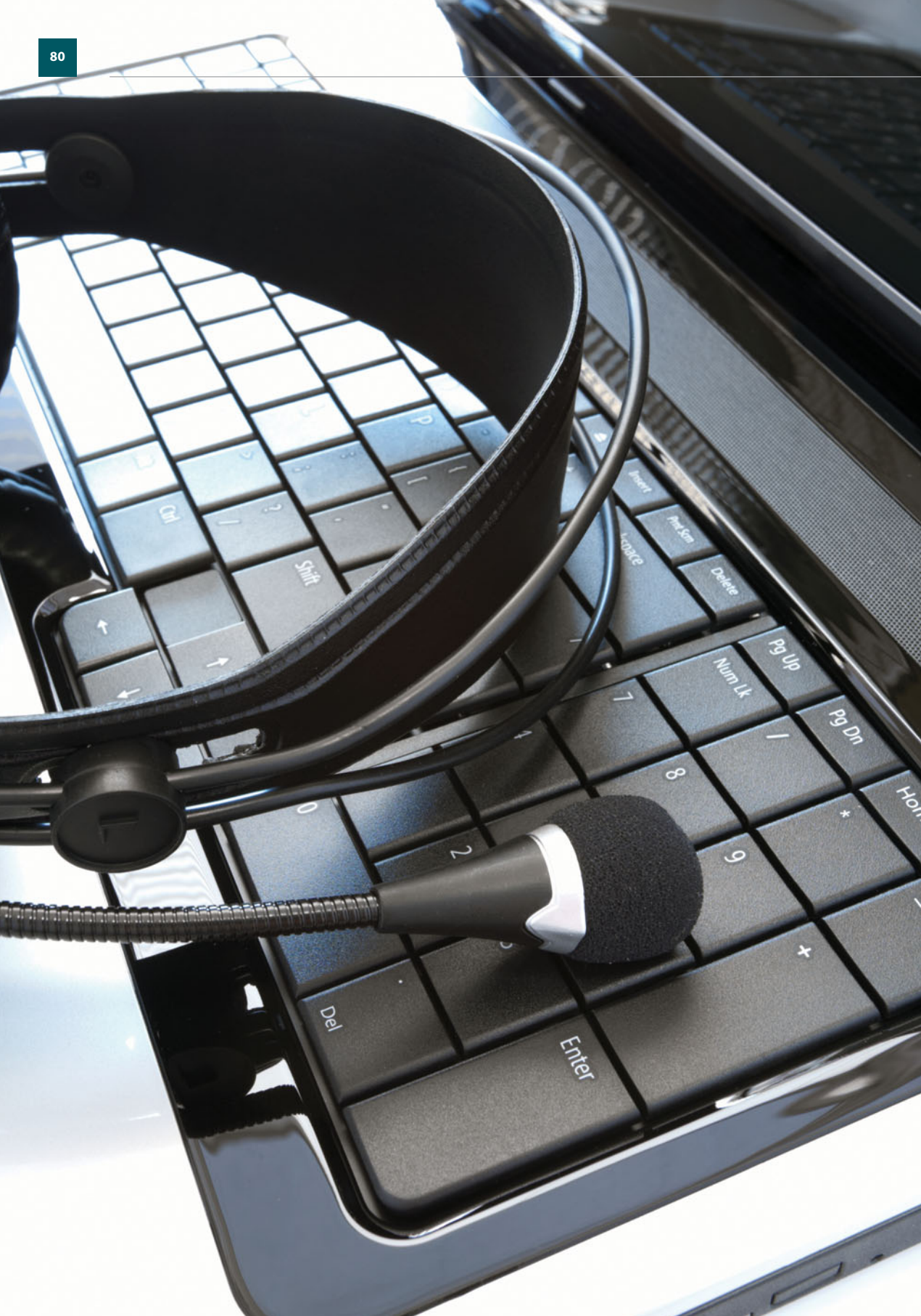
Clinical School



“”

*I chose Medicine because it's very academically and scientifically driven at the outset and more clinical towards the end, which opens up options when I leave.*

Simon



# Modern and Medieval Languages

This degree is extremely wide ranging in its scope and opens up countless career opportunities. Stimulating, mind-broadening, sociable and diverse, you'll also have use of state-of-the-art audio and video technology as well as more traditional media.

## Modern and Medieval Languages (MML) at Cambridge

We offer a good range of languages, including an exceptionally wide range of cultural and linguistic options, taught to a high level. After introductory courses in the first year, you can choose which areas you want to focus on, tailoring the course to your interests.

You study two languages, one of which you can learn from scratch (with the exception of French or Latin where A Level/IB Higher Level standard is required), and reach a very high level in both.

You have the chance to gain in-depth knowledge about the culture, history, cinema, literature, art, politics and philosophy of other countries, depending on which languages you choose. The course also includes options in linguistics (both linguistic aspects of the languages you're studying, and dealing with the nature of language in general).

### You can study two of:

French  
 German  
 Italian  
 Portuguese  
 Russian  
 Spanish

## Facilities and resources

Our excellent resources include the well-stocked Faculty library and the University's state-of-the-art Language Centre; with satellite television, audio, video and other equipment. In addition, the Faculty's Computer Assisted Language Learning (CALL) facilities are used for both private study and teaching programmes ([www.mml.cam.ac.uk/call/](http://www.mml.cam.ac.uk/call/)).

## A year in...

You spend your third year abroad in one of three ways, tailored to suit your interests. You can attend a foreign university, become an English-speaking assistant in a school, or seek voluntary or paid work. For example, our students have spent their third year:

- working at a law firm in Zurich
- studying art history in Rome
- volunteering with the International Baby Food Action Network in Brazil
- conducting an orchestra in St Petersburg

Alternatively, you can combine any of these with either Classical Latin (if you're taking it at A Level/IB Higher Level) or Classical Greek.

If you wish to combine one of these modern European languages with Arabic, Hebrew or Persian, you can do so by applying for the Asian and Middle Eastern Studies degree course (see p39-41).

# Modern and Medieval Languages (cont.)

With the agreement of the Faculty, you can tailor your year to suit your interests. You must spend at least eight months abroad, and you must be in daily contact with the foreign language you're studying. You could choose to spend the year in more than one country, spending at least three months in each.

## Careers

Communication skills, knowledge of languages, an understanding of foreign cultures, analytical ability and research skills are in great demand in many fields, and are precisely the qualities that our course promotes. Employers – even those who aren't primarily interested in languages – particularly value the experience and skills our graduates have gained from their year abroad.

Most graduates use their languages within their work, and many pursue careers in journalism, the arts, marketing, banking, law, accountancy, teaching and the Diplomatic Service. Other graduates build more generally on the many skills that their degree has given them, which are still the decisive factor in securing a wide range of jobs. For a small number of graduates, the degree is more directly vocational: they become professional linguists (translators or interpreters), usually after further specialised training.

## Want to study more than two languages?

*In addition to your two main languages, you can also study more languages from scratch as part of your degree. Options include Catalan, Dutch, Modern Greek, Medieval Occitan, Portuguese, Ukrainian and Neo-Latin (the Latin used throughout Europe c1350-1700).*

*Another possibility (open to any member of the University) is to take a one-year course at the University's Language Centre (see p8) to obtain a further language qualification. Courses are available in basic Mandarin and Russian; in basic and intermediate German and Italian; and in basic, intermediate and advanced French and Spanish.*

*Diploma and certificate courses may be available through the Faculty. See the Faculty website for information at: [www.mml.cam.ac.uk/courses/DipCert.html](http://www.mml.cam.ac.uk/courses/DipCert.html).*



Faculty of Modern and Medieval Languages

“”

*MML opens so many doors; you aren't restricted to any area of work, plus it gives you the freedom to travel and live in different countries.*

Natasha

Teaching is made up of lectures, seminars, language classes (generally in the target language), intensive oral work in small groups, and supervisions.



For your supervisions, you prepare written work which you then discuss to explore the subject further. In your first year, you can generally expect around 12-14 hours of teaching each week. You're assessed at the end of each year, primarily through written and oral examinations, and the submission of a project or dissertation at the end of Year 3. You may also offer a second dissertation instead of one of the Part II written examination papers.

## Year 1 (Part IA)

### Developing your language skills

You study two languages, at least one at post-A Level/IB Higher Level standard, with the options you take partly determined by your knowledge of your chosen languages on entry.

The main emphasis is on developing your language skills, taught by a range of methods including faculty classes of up to 15 students and supervisions in groups of two or three.

- literature
- history

You also have an introduction to one or more of the following topics for your languages:

- literature
- linguistics
- history
- thought

## Year 2 (Part IB)

### Acquiring native or near-native fluency

In your second year, you take five papers in total. You continue intensive language study with the aim of acquiring native or near-native fluency in both languages and choose from a wide range of papers covering topics such as:

- literature
- history

- culture
- linguistics
- film
- thought
- art
- an introduction to a language and culture you haven't studied before

You have the option to replace one exam with coursework in the second year.

## Part II

### Specialisation and options

#### Year 3

In the third year, you spend at least eight months abroad, during which time you prepare a project that counts as one sixth of your final mark. This can be a dissertation, a translation project, or a linguistics project.

Just before the fourth year starts, you take an oral examination back in Cambridge.

#### Year 4

You're free to specialise in one language, to combine options from two or more languages, to take comparative options which span several cultures and languages, and/or to take up to two options from certain other courses (eg English, History). You tackle advanced language work (in one or two languages), and focus on three options chosen from a wide range (culture, literature, linguistics, thought, history, film, and so on). You also have a choice of comparative paper options, enabling you to combine the study of both of your languages. Examples include papers on European film and studying attitudes towards the human body. Other comparative options involve the linguistics and philology of the Germanic, Romance and Slavonic language families. Many students replace one of their written papers with a further dissertation (currently 8,000-10,000 words).

UCAS code  
**R800 BA/MML**

**Duration**  
Four years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** A Level/IB Higher Level in at least one of the languages to be studied

**Colleges**  
Available at all Colleges

**2011 entry**  
Applications/place: 3  
Number admitted: 181

**Open days 2012**  
16 March – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

## RELATED COURSES

Anglo-Saxon, Norse, and Celtic	34
Asian and Middle Eastern Studies	39
Classics	44
Education	50
Linguistics	72

## FURTHER INFORMATION

01223 335000



mml-faculty-office@lists.cam.ac.uk



[www.mml.cam.ac.uk](http://www.mml.cam.ac.uk)



# Music

Our course covers a broad range of music, as well as a great variety of ways of thinking about and understanding music, ranging from medieval plainchant to the blues, and from advanced analysis to the study of music and science.

## Music at Cambridge

Over recent decades many of the most significant figures in British music have studied or taught at Cambridge: composers such as Alexander Goehr, Judith Weir and Thomas Adès; performers like Joanna MacGregor and Thomas Trotter; and conductors including John Eliot Gardiner, Christopher Hogwood and Edward Gardiner.

Our undergraduate course has a strong academic component and offers a wide range of papers in history, analysis, ethnomusicology, music and science, composition, and performance (see the course outline).

## Facilities and resources

As well as providing a location for lectures, seminars and research activities, the modern Faculty building also houses:

- a professional concert hall (seating 500)
- an extensive library of music, books, periodicals and recordings
- a purpose-built studio
- music computing laboratories

Students can borrow period instruments, and can also make use of the Faculty's Javanese Gamelan. In addition, the Faculty hosts several resident ensembles (the Endellion String Quartet, Britten Sinfonia and Academy of Ancient Music) which perform regularly and offer masterclasses and composition workshops for students.

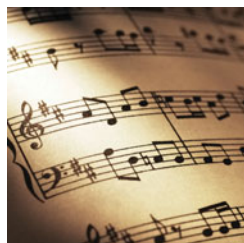
These facilities and resources are complemented by the University Library and by the libraries, practice rooms and computer suites available in Colleges. Funds are available from the Colleges for instrumental or vocal lessons for those taking a performance course.

## Careers

Music graduates are extremely attractive to employers and can follow a career in almost any field thanks to the transferable skills they acquire on our course. Many of our students do enter the music profession in one guise or another. Recent graduates include pianist Tom Poster, who performs regularly at the Proms, and Robin Ticciati, now the Principal Conductor of the Scottish Chamber Orchestra. Other recent graduates have pursued successful careers in publishing and the media, academia, arts administration, banking, law, public service and the charity sector.



Faculty of Music



“”

*As well as studying one of the best music courses in the country, I've had opportunities for conducting, singing and acting that I just wouldn't have had elsewhere.*

Emma

Teaching is provided through lectures, seminars, and supervisions. In your first year, you can typically expect to have six lectures and three supervisions each week.

Assessment takes place at the end of each year through written examinations; the submission of portfolios, essays and dissertations; and through recitals.



### Year 1 (Part IA)

The first year consists of three major components which continue into the second year:

- Historical and Critical Studies – two and a half papers covering issues involved in understanding music and its relationship to society and culture. This includes the main historical developments of Western music from the medieval period to the present, and a selection of historical or contemporary case studies
- Techniques of Tonal Music – two papers giving you a thorough technical grounding in music of the Western tonal tradition; through arrangement, acquisition of basic harmonic

skills at the keyboard, aural work, and writing music in a range of historical styles. This is a foundation for more advanced work in all musical fields

- Music Analysis – one paper which gives you an understanding of what makes music work through hands-on familiarity with a range of styles. This creates a bridge between your work in Historical and Critical Studies and in Techniques of Tonal Music

For your final half paper, you have the choice of giving a 15 minute recital, submitting an original composition, or writing an extended essay.

### Year 2 (Part IB)

You take a further paper in each of the core Part IA areas, which together take up half of your time.

For the remaining half, you choose three papers from a range of different topics. Subjects available change from year to year but normally include:

- advanced historical topics
- advanced analysis
- jazz and popular music
- ethnomusicology
- scientific approaches to music
- performance studies (including recital)
- composition
- a dissertation of 5,000-7,000 words

### Year 3 (Part II)

In the final year, you have even more choice. There are no compulsory papers – you can choose from a wide selection of options which reflect your own interests and which may also develop the skills and knowledge needed for your chosen career path. Examples of options available in recent years include:

- Beethoven: the Late String Quartets
- The Cantatas of J S Bach
- The Music of Miles Davis
- Fugue
- Monteverdi in Mantua and Venice
- Nationalism and Music in the Middle East
- Performance Practice 1600-1830

- Music and Globalization
- Shostakovich and his World
- Perception and Performance
- The Music of Chopin

You can also work with individual staff members on your own projects, whether as an advanced performer, composer, historian, analyst, ethnomusicologist, or music scientist. In this way, while our course gives you the solid understanding of the subject which a music degree should guarantee, it also offers you the flexibility you need to prepare for life after Cambridge.

UCAS code  
**W300 BA/M**

### Duration

Three years

### Typical offers require

A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

### Other qualifications

See p144-5

**Essential** A Level/IB Higher Level Music (ABRSM Grade 8 Theory can be offered as a substitute)

**Useful** Grade 5 piano

### Colleges

Available at all Colleges

### 2011 entry

Applications/place: 2  
Number admitted: 64

### Open days 2012

College open days (arts)

Cambridge Open Days –  
5 July, 6 July (see p147)

### Directions

Map reference B

### RELATED COURSES

Education	50
History	60
History of Art	62
Human, Social, and Political Sciences	64
Philosophy	94
Psychological and Behavioural Sciences	96

### FURTHER INFORMATION

01223 768927



outreach@  
mus.cam.ac.uk



www.mus.cam.ac.uk



# Natural Sciences

Natural Sciences is the framework within which most science 'subjects' are taught at Cambridge. If you want to study any of the biological and physical sciences listed opposite, this is the course for you.

## Natural Sciences at Cambridge

Natural Sciences (NST) offers a wide range of physical and biological science subjects from 16 departments in a unique and demanding course. A broad first year is combined with increasing specialisation in the second year, and the possibility of total specialisation from the third year.

The breadth of the course reflects the blurring of boundaries between the different sciences and before committing yourself to one department you study a variety of subjects, some of which may be new to you. This means you can change your mind about which subject to specialise in.

Visit the departments' websites for in-depth subject information and details about current research. All of these sites, as well as suggested reading for prospective students, can be accessed from the Natural Sciences website at: [www.cam.ac.uk/natscitripos/](http://www.cam.ac.uk/natscitripos/).

## Flexibility and choice

The flexibility of the course makes it possible to take purely biological sciences, purely physical sciences or a combination of both, according to your interests.

Many students discover a passion for the new subjects that they start in the first year, such as Earth Sciences or Materials Science, and continue with these in subsequent years.

Most students pursue a single advanced subject in Year 3 (Part II), and undertake a research project or dissertation in that field. Alternatively, you can take the broader Biological and Biomedical Sciences option or the Physical Sciences option.

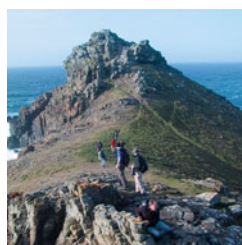
## After Natural Sciences?

Almost half of our graduates continue with further study and research, either in Cambridge or at other universities, in the chemical industry, pharmaceuticals, biotechnology, environmental management or nanotechnology. Natural Sciences prepares you well for the challenges of research, especially in emerging interdisciplinary areas.

Other graduates follow a wide range of careers, from banking or accountancy to law, and from consultancy to media-related work. Skills which Natural Sciences graduates develop are highly valued by employers.



Institute of Astronomy



“”

*I wasn't sure which area of science to specialise in and the first year allowed me to get a better insight into my strengths and weaknesses before deciding.*

Tom

Natural Sciences allows you to experience new areas of science, discover the interconnections between apparently diverse subjects, and gain an insight into different scientific methods.



## Year 1 (Part IA)

You choose three science subjects from:

- Biology of Cells
- Chemistry
- Computer Science
- Earth Sciences
- Evolution and Behaviour
- Materials Science
- Physics
- Physiology of Organisms

Plus one Mathematics option:

- Mathematics
- Mathematical Biology
- Elementary Mathematics for Biologists

## Year 2 (Part IB)

You choose three subjects from:

- Animal Biology
- Biochemistry and Molecular Biology
- Cell and Developmental Biology
- Chemistry A
- Chemistry B
- Ecology
- Experimental Psychology
- Geological Sciences A

- Geological Sciences B
- History and Philosophy of Science
- Materials Science
- Mathematics
- Neurobiology
- Pathology
- Pharmacology
- Physics A
- Physics B
- Physiology
- Plant and Microbial Sciences

## Years 3 and 4 (Parts II and III)

Follow a broad curriculum:

- Biological and Biomedical Sciences
- Physical Sciences

Or specialise:

- Astrophysics<sup>1</sup>
- Biochemistry<sup>1</sup>
- Chemistry<sup>1</sup>
- Genetics
- Geological Sciences<sup>1</sup>
- History and Philosophy of Science<sup>1</sup>

- Materials Science<sup>1</sup>
- Neuroscience
- Pathology
- Pharmacology
- Physics, Experimental and Theoretical<sup>1</sup>
- Physiology, Development and Neuroscience
- Plant Sciences
- Psychology
- Systems Biology (Part III only)
- Zoology

<sup>1</sup> These subjects offer a fourth year/Part III option, leading to an MSci degree.

UCAS code  
**BCF0 BA/NS**

## Duration

Three or four years

## Typical offers require

A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

## Other qualifications

See p144-5

## See p88-9 for subject requirements

## Admissions test

Some Colleges require applicants to take the TSA ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

## Colleges

Available at all Colleges

## 2011 entry

Applications/place: 4  
Number admitted: 626

## Open days 2012

College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

## Directions

Map reference D, E, G, J, K

## RELATED COURSES

Chemical Engineering	42
Computer Science	46
Education	50
Geography	58
Mathematics	74
Psychological and Behavioural Sciences	96

## FURTHER INFORMATION

[natsci@  
admin.cam.ac.uk](mailto:natsci@admin.cam.ac.uk)

[www.cam.ac.uk/  
natscitripos/](http://www.cam.ac.uk/natscitripos/)

# Natural Sciences (cont.)

## Entry requirements for Natural Sciences

'Science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology.

**Essential** At least two science/mathematics A Levels/IB Higher Levels

**Highly desirable** A third science/mathematics subject to at least AS Level/IB Standard Level

### A Levels

Most students have at least three science/mathematics A Levels and having just two will restrict your Part IA subject choice. In these circumstances you'll normally be expected to achieve the A\* grade in one of the two science/mathematics subjects and encouraged to take an additional science/mathematics AS Level. The more useful combinations are:

- A Level Biology, A Level Chemistry and AS Mathematics or Physics
- A Level Chemistry, A Level Mathematics and AS Physics
- A Level Physics, A Level Mathematics and AS Further Mathematics

Subject requirements for Part IA options are given opposite.

### International Baccalaureate

The A Level subject advice above also applies to the IB (Standard Level subjects are broadly comparable to AS Levels and Higher Level subjects to A Levels).

### Other examination systems

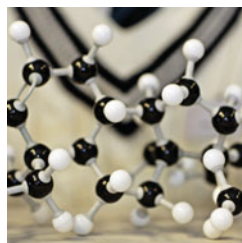
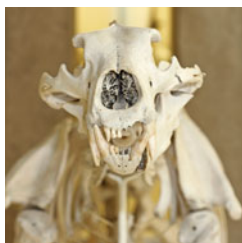
See p144-5 and consult any Admissions Tutor for further advice.

## Year 1 (Part IA)

You study three experimental sciences (from eight, 1-8 opposite), plus one mathematics (from three, 9-11), chosen at the start of the first term.

You should indicate on your UCAS application whether your interests lie broadly in biological or physical sciences. The choice isn't absolute, and many students change direction before they start or as they progress.

For each option, you usually have three hours of lectures, some practical work and one supervision per week. Assessment varies depending on the option taken but always includes written examinations. There may also be practical examinations or continuous assessment of practical work.



“”

*Being taught by your subject's leading minds is an experience in itself, and who can explain ideas better than the people who actually came up with them!*

Nick

### 1. Biology of Cells

**Highly desirable** A Level Chemistry  
**Useful** A Level Biology

- Biology of Cells introduces you to cell biology – topics such as cell structure and dynamics, macromolecules, biochemistry, genetics, molecular biology, development and cell communication.
- This option is for students who wish to explore the topical and rapidly advancing fields of cell biology, genetics and bioinformatics.
- The Biology of Cells and Computer Science options cannot be combined.

### 2. Chemistry

**Essential** A Level Chemistry  
(A Level Mathematics is essential to continue to Chemistry A in Part IB)  
**Highly desirable** AS/A Level Mathematics

- Chemistry is concerned with how and why molecules form, and what determines their properties and the way in which they react.
- You learn about the key concepts and theories which help us to understand and rationalise a wide range of molecular phenomena.

### 3. Computer Science

**Essential** A Level Mathematics  
**Useful** AS/A Level Further Mathematics and/or Physics  
No previous subject knowledge necessary but some understanding of programming may be helpful

- In Computer Science you explore the theoretical and practical foundations of computer science – computer programming (in ML and Java), algorithm design and analysis, and discrete mathematics.
- The Computer Science and Biology of Cells options cannot be combined.

### 4. Earth Sciences

No previous subject knowledge necessary

- Earth Sciences introduces the processes and properties of the Earth – including plate tectonics, volcanoes, climate change, evolution and dinosaurs.
- Practical experience includes laboratory classes and a one-week field course in Scotland.
- Earth Sciences can lead to various geological careers, or offer a wider scientific perspective on other science subjects and the world around us.

### 5. Evolution and Behaviour

**Highly desirable** A Level Biology

- This option explores the origin, evolution and diversity of life on Earth; major transitions such as the origin of eukaryotes and multicellularity, and the evolution of behaviour, intelligence, sociality and culture.
- You develop practical biological skills through practical classes and a field course.
- Evolution and Behaviour lays the foundation for the study of Ecology, Genetics, Plant Sciences, Psychology and Zoology.

### 6. Materials Science

**Highly desirable** A Level Mathematics, and either Chemistry or Physics  
No previous subject knowledge necessary

- Materials Science studies the structure and properties of materials in an effort to develop new and improved materials for advanced technological applications.
- Topics covered include how liquid-crystal displays work, materials design inspired by biomaterials, and why aeroplanes don't fall apart.
- You'll engage in experimental activities such as fuel-cell construction and nanoscale characterisation.

### 7. Physics

**Essential** A Level Mathematics, and either Physics or Further Mathematics (with three units of Mechanics)  
**Useful** AS/A Level Further Mathematics

- Physics encompasses topics including Newtonian statics and dynamics, oscillations and waves, electric circuits, and gravitational and electromagnetic fields.
- It also introduces new themes such as special relativity and quantum mechanics.
- Part IA Mathematics (9, below) must be taken in parallel with this option.

### 8. Physiology of Organisms

**Useful** AS or A Level Biology and/or Physics

- Physiology of Organisms explores and compares the physiology of a wide range of organisms by studying the different functional solutions developed by animals, plants and microbes to the problems of survival.
- Topics include respiratory and osmoregulatory systems, homeostatic mechanisms and how plants and animals detect and respond to changes in their environments.

### 9. Mathematics

**Essential** A Level Mathematics

- Mathematics focuses on mathematical techniques used in the physical sciences.
- Subjects covered include vector calculus, vector algebra, matrices, complex numbers, ordinary and partial differential equations, elementary probability theory, and computing techniques.

### 10. Mathematical Biology

**Essential** A Level Mathematics

- In this option you study how mathematical techniques – including simple differential equations, recurrence relations, partial derivatives, compartmental analysis, probability and statistics – can be used in biology.
- You're introduced to the application of mathematical modelling in the analysis of biological systems drawn from biochemistry, animal and plant physiology, ecology and genetics.
- Teaching includes weekly computing practicals and extensive use of interactive computer modelling.

### 11. Elementary Mathematics for Biologists

**Essential** GCSE Mathematics

- This option is for students without A Level Mathematics.
- This problem-based option covers applications of basic mathematical and statistical techniques in the context of biology.
- In addition to standard techniques, you're introduced to the principles of modelling biological systems and experimental design.

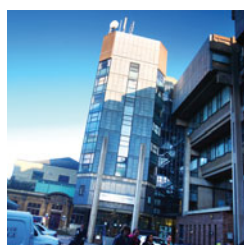
Further information about the options, and the various teaching and assessment methods can be found at:  
[www.cam.ac.uk/about/natscritipos/ps/structure/part1a.html](http://www.cam.ac.uk/about/natscritipos/ps/structure/part1a.html)

# Natural Sciences (cont.)

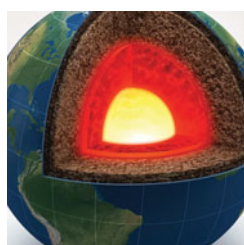
## Year 2 (Part IB)

In Part IB, you choose three of the following subjects. Some build directly on Part IA subjects and some introduce what are essentially new areas.

For timetabling reasons not all combinations are possible.



Department of Materials Science and Metallurgy



Department of Biochemistry

### Animal Biology

- Explore the evolution and diversity of animals, and look at how their form, function and behaviour are adapted to their lifestyle and their environment.
- Comprises sections on Behaviour and Ecology, Brains and Behaviour, Insect Biology, Vertebrate Evolutionary Biology, and Evolutionary Principles.

### Biochemistry and Molecular Biology

- This option studies biological processes at the molecular and cellular level, building on Part IA Biology of Cells.
- Topics explored include gene structure and expression, enzyme catalysis, protein engineering, and control of cell growth and differentiation.

### Cell and Developmental Biology

- This option introduces some of the major ideas and current experimental approaches in this rapidly advancing field.
- The subject aims to consolidate and extend your knowledge of how cells work and interact, and how they differentiate.

### Chemistry A

- Chemistry A focuses on the theories used to understand chemical bonding, structures and reactivity.
- You're introduced to quantum mechanics and shown how this and related theories can be used to make sense of many chemical and physical properties.

### Chemistry B

- Chemistry B focuses on three main topics:
  - organic (carbon-based) chemistry, which forms the basis of molecules as diverse as pharmaceuticals and synthetic polymers
  - the enormous range of compounds and structures formed by other elements (inorganic chemistry)
  - the chemical processes which are the basis of life

Department of Chemistry



### Ecology

- Ecology introduces various approaches to the study of the relationships between plants, animals and the environment.
- It covers marine, freshwater and terrestrial systems; human impact on climate change and aerial pollution; ecological genetics and ecological dynamics; and the world's biodiversity, its origin and maintenance.

### Experimental Psychology

- Experimental Psychology is the study of the mind, brain and behaviour through experimental and observational methods.
- Teaching is supported by practical classes.
- Topics covered include sensory processes and perception, learning, reasoning, cognitive and social development, psychopathology, social psychology, and intelligence.

### Geological Sciences A

- This option covers the surface environments of the Earth – the atmosphere, hydrosphere and biosphere – together with their geological products.
- It encompasses sedimentology, palaeobiology, oceanography, tectonics and sedimentary basins.
- There's a field course in south west England in the Easter vacation.

### Geological Sciences B

- Geological Sciences B deals with subsurface Earth processes, the evolution of the solar system, plate tectonics, mineral behaviour, and how igneous and metamorphic rocks respond in different tectonic settings.
- You have laboratory and field practicals, including a field course in Cornwall.

### History and Philosophy of Science

- This option explores the historical, philosophical and social dimensions of the sciences.
- Topics covered extend from early astronomy and alchemy to the discovery of DNA and climate change.
- We examine the nature of theories, causation and scientific explanation.

### Materials Science

- Materials Science looks at advances in materials and their chemical, electrical and mechanical properties, ranging from metals to polymers and other 'soft materials'.
- You study how materials function in service, and the scientific principles of functional materials, such as semiconductors.

### Mathematics

- Mathematics incorporates topics including group theory, more advanced matrix theory, Cartesian tensors, more advanced theory of differential equations, Fourier transforms, calculus of variations, and functions of a complex variable.
- Some topics involve continually-assessed practical work, using computers to illustrate and exploit numerical techniques.

### Neurobiology

- Neurobiology covers the electrical and chemical properties of individual neurons, and examines the major sensory systems.
- You explore the motor system, the development and higher functions of the nervous system, motivation, emotion, the handling of language by the brain, synaptic activity modulation, and memory.

### Pathology

- Pathology is concerned with the scientific study of disease and encompasses all aspects of disease, including causes and effects, and the organism's response to disease.
- This option involves a broad range of biological disciplines, including cellular and genetic pathology, immunology, microbiology, parasitology and virology.

### Pharmacology

- Pharmacology deals with the effects of chemical substances on biological material.
- The option covers how receptors work at the molecular level, synaptic pharmacology, drug discovery, cancer and anticancer drugs, steroid receptors, reproductive pharmacology, and the use of drugs to control inflammation and immune responses.

### Physics A

- Physics A provides a rigorous grounding in the principal themes of modern physics.
- The option deals with waves and optical systems, quantum physics and an introduction to the wave theory of quantum condensed matter.
- A module on experimental methods supports your practical work.

### Physics B

- Physics B lays the foundation for a professional understanding of physics and is built on the three key areas of classical mechanics, electromagnetism, and thermodynamics.
- All students also take an introductory course in C++ programming, with associated practical exercises.

### Physiology

- In Physiology, you study systems physiology in detail, concentrating on mammals, in particular man.
- The option covers function at the cellular level to the complex operation of major body systems at the level of the whole organism, and how these systems respond to challenges.

### Plant and Microbial Sciences

- Studying plants, plant productivity and microbes is essential to finding sustainable solutions to current problems for the biosphere and its use.
- This option considers plants and microbes in their biotic environment, plant ecosystems, biotechnology, renewable energy and nutrition, and pollution.

Further information about the options, and the various teaching and assessment methods can be found at:  
[www.cam.ac.uk/about/natscitripops/structure/part1b.html](http://www.cam.ac.uk/about/natscitripops/structure/part1b.html)

# Natural Sciences (cont.)

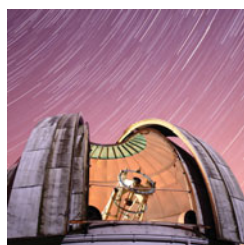
## Years 3 and 4 (Parts II and III)

Students can retain a broad study of science, though most pursue a single subject to a depth matching that of single science degrees elsewhere.

In Parts II and III, lecturers are actively researching the topics being covered and many are world leaders in their fields. Practical work is open-ended, and most students carry out a significant research project which is assessed as part of the final examination.

Specialising in Part II is appropriate for continuation to a fourth year (Part III) and progression to Part III is dependent on a satisfactory level of performance.

*Some Part II subjects have a competitive entry due to limited space.*



“”  
The third-year research project helps you to see if you want a career in research, and the lab experience is highly appreciated by employers and institutes.

Sophia

### A BROAD CURRICULUM

#### Biological and Biomedical Sciences

- Maintain a breadth of study by taking a major subject in a biological option and a minor subject from options in biology, biological anthropology, education, sociology and the history and philosophy of science.
- A dissertation replaces the practical laboratory-based research project.

#### Physical Sciences

- This option allows you to continue your studies in a chosen discipline together with another subject.
- You essentially take half of one of Part II Chemistry, Geological Sciences or Physics, alongside a further Part IB subject, and write a dissertation.

### PURSUE A SPECIALISM

#### Astrophysics

- Part II Astrophysics introduces a range of contemporary astrophysics topics, such as relativity theory, physical cosmology and stellar dynamics.
- Part III students choose from options offered in Part III of the Mathematics course and by the Department of Physics, and undertake a substantial project.

#### Biochemistry

- Part II Biochemistry covers macromolecule structure and function, gene expression, and molecular cell structure and function of prokaryotic and eukaryotic organisms.
- Part III features a two-term research project carried out alongside a research team directed by a leading scientist, and discussion of advanced topical papers.

#### Chemistry

- Part II Chemistry offers various options in which to specialise, ranging from synthetic organic chemistry to atmospheric science, and from theoretical chemistry to chemical biology.
- In Part III, you join a research group in the Department and work on your own project for two terms.

#### Genetics

- Part II Genetics covers how genetic information is passed from generation to generation, how genes work and control organism development and behaviour, and processes that give rise to genetic change.
- More informal sessions explore the social aspects, and implications, of genetic knowledge.

#### Geological Sciences

- Some specialisation is possible within tectonics and geophysics, petrology, climate science and surface processes, palaeobiology and mineral sciences.
- Part II features an independent mapping project and a field course in Greece.
- Part III involves a major research project and a field course in Spain.

#### History and Philosophy of Science

- Part II gives an insight into the historical development of the sciences, technology and medicine, their philosophical structure and sociological dynamics.
- Part III students have the opportunity to carry out focused research on the topics that interest them.

#### Materials Science

- Materials Science is based in the physical sciences but links to the biological sciences and engineering.
- Part II focuses on the links between the processing, structure and properties of materials classes.
- Part III concentrates on recent developments, modern experimental techniques and cutting-edge research.

#### Neuroscience

- Neuroscience options cover developmental neurobiology, molecular neurobiology, sensory transduction, central mechanisms of sensation and behaviour, neural circuits, control of action, memory and higher functions, and neural degeneration and regeneration.
- Technical workshops and an experimental research project of your choice provide practical training.

#### Pathology

- Pathology combines numerous biological disciplines and in Part II you choose two from: Cellular and Genetic Pathology, Dynamics of Infectious Diseases, Immunology, Microbial and Parasitic Disease, and Virology.
- An important element of the course is a project in which you join a research group.

#### Pharmacology

- Part II Pharmacology covers contemporary topics taken to the level of current research.
- Subjects covered include intracellular messengers, ion channels and transporters, anti-cancer drugs, strategies for drug discovery, and the control of neurodegenerative disease.
- A research project enables you to join an active research group.

#### Physics, Experimental and Theoretical

- Part II encompasses the core areas of electrodynamics, relativity, advanced quantum theory, and statistical physics.
- Part III options include astrophysics, particle physics, and soft matter and biological physics.
- You also undertake a substantial project within a research group.

#### Physiology, Development and Neuroscience

- Physiology, Development and Neuroscience are broad but interlinked subjects.
- In Part II, you focus on Development and Reproductive Biology, Integrative Physiology or Neuroscience, or combine topics from all three.
- You take part in cutting-edge research during a two-term research project.
- Topics from Physiology can be combined with Psychology modules for a Part II in Physiology and Psychology.

#### Plant Sciences

- Plants are increasingly the focus of key global issues: global food shortages and maintaining biodiversity in the face of climate change.
- In Part II, you specialise in areas of your choice, concentrating on molecular and cellular subjects or ecological options.

#### Psychology

- Part II Psychology enables you to pursue interests within biological comparative and evolutionary psychology or human psychology.
- You choose from various options and work with leading scientists on an original research project.
- The course is accredited by the British Psychological Society.
- Psychology modules can be combined with Physiology topics for a Part II in Physiology and Psychology.

#### Systems Biology (Part III only)

- Systems Biology determines how parts interact to make a working organism, using computer models to describe the interaction networks and predict their performance.
- The option comprises lectures, computer-based practicals, seminars, and a research project working alongside leaders in the field.

#### Zoology

- Zoology encompasses molecular and cell biology, developmental biology, animal behaviour, molecular approaches to evolution, palaeontology, physiological ecology, population biology, and conservation science.
- In Part II, you choose options from these areas and carry out research projects, working with leading scientists in these fields.

Further information about the options, and teaching and assessment methods can be found at: [www.cam.ac.uk/about/natscritipos/ps/structure/part2.html](http://www.cam.ac.uk/about/natscritipos/ps/structure/part2.html).

Botanic Garden





# Philosophy

Do you enjoy arguments on the pros and cons of general issues? Do you relish puzzle-solving? Do you like subjects that emphasise rigorous thought? If so, philosophy might be the right subject for you.

## Why Philosophy at Cambridge?

Philosophy considers extremely general and 'ultimate' problems, such as the nature of reality, the purpose of human existence, and the basis of knowledge. It also scrutinises the methods that are used to answer such questions.

Three Cambridge scholars, Bertrand Russell, G E Moore and Ludwig Wittgenstein, transformed the discipline of philosophy in the early twentieth century and made Cambridge the most important centre for philosophy in the English-speaking world. Along with Frank Ramsey and others, they developed the analytic style of philosophy now prominent throughout much of the world.

Today, Cambridge remains one of the best places to get a grounding in analytic philosophy and our course is one of the few in which it's possible to concentrate entirely on philosophy without taking any other subject (although you can diversify within the subject if you wish).

## Teaching and learning

Throughout the degree our approach emphasises the values of the analytic school: rigour, clarity and thinking for yourself. But its content extends well beyond the analytic tradition and its main preoccupations. For instance, we currently offer papers on the history of philosophy from Plato to Wittgenstein, as well as political philosophy and aesthetics.

The Philosophy Faculty has close links with related faculties and departments such as Classics, History, and History and Philosophy of Science, so you can take advantage of a wide range of specialised lectures and seminars. You'll also have access to many excellent libraries (please see the Faculty website for suggested preliminary reading).

## After Philosophy

Thinking philosophically requires rigour, precision and creativity, qualities that can be applied to any other problem. Although a Philosophy degree isn't an essential qualification for any particular career, the analytical and critical skills developed through its study prepare our graduates for a variety of professions, including business, computing, journalism, administration and law.



Faculty of Philosophy

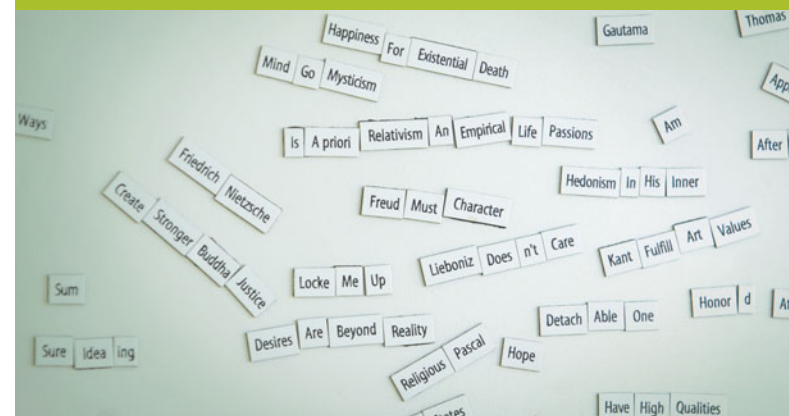


“”

*I was drawn to philosophy because of the depth of the questions it tries to answer, but also because of the breadth of topics within the course.*

Mat

Much of the teaching takes the form of lectures, with additional classes for some subjects (such as first-year logic).



You have weekly supervisions, for each of which you're given topical reading and asked to write an essay which you then discuss with your supervisor. Although it varies throughout the year, each week you typically have between six and 12 lectures, and between one and three supervisions and/or small classes.

Assessment is predominantly by written examinations. However, in Parts IB and II one written examination can be substituted with two extended essays of 3,000-4,000 words. Part II offers the additional alternative of submitting a dissertation of 6,000-8,000 words on a subject of your choice.

## Year 1 (Part IA)

The course is designed to accommodate the many students taking philosophy for the first time. In the first year, you acquire the reasoning skills that enable you to tackle philosophical problems and to think intelligently about abstract questions generally, not just gather information about who said what. Therefore, you're encouraged to approach topics in your own way and we organise regular discussion groups for first- and second-year students.

Part IA gives you an introduction to philosophy through the study of four core compulsory papers:

- Metaphysics and Philosophy of Mind
- Ethics and Political Philosophy
- Logic (A Level/IB Higher Level Mathematics isn't necessary for this)
- Set Texts, such as Plato's *Meno*, Hume's *Dialogues Concerning Natural Religion*, and J S Mill's *On Liberty* and *The Subjection of Women*

## Year 2 (Part IB)

Years 2 and 3 focus on areas that particularly interest you. Part IB is about exploring the philosophical aspects of a range of issues, both practical and theoretical.

You then choose two further subjects from:

There are two compulsory papers:

- Metaphysics and Epistemology
- Logic

- Ethics
- Greek and Roman Philosophy (from Classics)
- Modern and Medieval Philosophy
- Philosophy of Science
- Political Philosophy
- Experimental Psychology (from Natural Sciences, involving practical work)

## Year 3 (Part II)

Our objective in Part II is to provide you with an understanding of various contemporary debates and to familiarise you with current philosophical concepts. Lectures involve exploring current and new positions on debates, and you participate in seminar discussions on advanced subjects.

- European Philosophy from Kant
- Mathematical Logic
- Philosophical Logic
- Aesthetics

There are no compulsory papers and you choose four from an extensive range of subjects. These include most of those mentioned above, studied at a more advanced level, as well as several papers covering new areas. Papers recently available include:

In addition, there may be a Special Subject which changes from time to time (for 2011-12, the Special Subject is Wittgenstein).

It's also possible to take one or two papers from another course, such as Classics or Theology and Religious Studies.

UCAS code  
**V500 BA/Ph**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** An arts/science mix

**Colleges**  
Available at all Colleges except Murray Edwards

**2011 entry**  
Applications/place: 5  
Number admitted: 49

**Open days 2012**  
College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

## RELATED COURSES

Classics	44
Human, Social, and Political Sciences	64
Mathematics	74
Natural Sciences	86
Psychological and Behavioural Sciences	96
Theology and Religious Studies	98

## FURTHER INFORMATION

01223 335090

phil-admin@  
lists.cam.ac.uk

www.phil.cam.ac.uk

# Psychological and Behavioural Sciences

An exciting new course for 2013 entry, Psychological and Behavioural Sciences offers a broad and flexible degree covering all aspects of psychology.

## Our course

Psychology is very diverse and shares considerable overlap with disciplines such as anthropology, computer science, linguistics, neuroscience, philosophy, sociology and many others.

Psychological and Behavioural Sciences at Cambridge gives you the opportunity to study cognitive, social, developmental and biological psychology within the broader context of the behavioural sciences.

The course covers, for example, cognitive psychology, psychopathology, language, brain mechanisms, gender, family relationships and influences, personality, and group social behaviour. Research projects and a dissertation also enable you to study in greater depth the topics that interest you most.

## Teaching and facilities

In the Departments of Social and Developmental Psychology, and Experimental Psychology, you're taught by lecturers and researchers of international excellence. Subject societies and seminar programmes offer regular talks from guest speakers too.

In addition to this academic expertise, you have access to libraries in both departments, which together hold around 50,000 books and over 150 periodicals along with other resources and computing facilities.

## Professional accreditation and careers

The accreditation of the University's teaching by the British Psychological Society (BPS) is expected to continue with this new course. This means that students who successfully graduate (with at least a second class honours) will achieve the 'graduate recognition' needed to pursue a career in psychology.

Many students pursue further study and research, and graduates are eligible for admission to professional courses in clinical, educational, forensic or applied psychology. Many past students of psychology at Cambridge have gone on to prominent positions in psychology and related fields throughout the world.

Our course also equips you with skills and knowledge applicable in numerous professional sectors. Other recent graduates have entered careers in the media, management, the Civil Service, finance, law and business.



Department of Social and Developmental Psychology

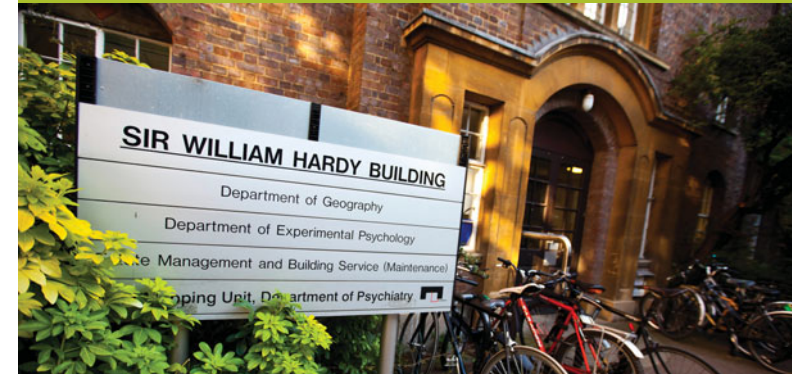
“”

*PBS allows students to focus on psychology for all three years. This is a fantastic development that can only enhance the already excellent teaching and research.*

Lucy

Teaching is provided through lectures, classes or seminars, and supervisions. Some papers include a practical element, which takes place in laboratories.

You can typically expect two lectures a week for each paper. You also have one or two supervisions a week to discuss your work and develop your reasoning and ideas.



## Year 1 (Part I)

In Part I, you take a total of four papers, two of which are compulsory:

- Introduction to Psychology
- Psychological Inquiry and Methods (this subject includes practical demonstrations and exercises)

The remaining two papers are chosen from a selection of up to nine options. The optional papers available each year may vary but examples include:

- Humans in Biological Perspective
- Language, Communication and Literacy
- Evolution and Behaviour
- Analysis of Politics
- British Economic History
- Introduction to Computer Science

At the end of the year, you sit a three-hour written examination in each paper.

## Year 2 (Part IIA)

Part IIA provides a foundation for the research-led teaching of the final year while also allowing you to begin to specialise in those areas that interest you.

You take four papers in total. All students take the Social Psychology paper as well as one of the following:

- a paper in biological and cognitive psychology plus two optional papers
- a paper in experimental psychology, undertake a research project (assessed by submission of a 5,000 word essay), plus one optional paper

The optional papers are selected from a range of around 19 available. The subjects may change from year to year but will typically include papers in:

- biological anthropology
- history and philosophy of science
- social anthropology
- sociology
- the sociology of education
- criminology
- philosophy of mind

Both the biological and cognitive psychology, and experimental psychology papers involve laboratory work. With the exception of the research project, you sit a written exam in each paper at the end of the year.

## Year 3 (Part IIB)

In your final year, you undertake a research dissertation of between 6,000 and 10,000 words on a psychology topic of your choice. You also choose a further three papers from a selection available, each of which is assessed by a written examination.

The subject of these papers may change from year to year but will typically include the following:

- Development and Psychopathology
- Experimental Psychology and Cognitive Neuroscience (two papers taken together)
- selected papers from those offered at Part IIA
- four additional psychology papers

Those students who don't take the Experimental Psychology paper at Part IIA are required to take the Development and Psychopathology paper as one of their Part IIB papers.

UCAS code  
**C800 BA/PBS**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** Mathematics, science subjects, humanities subjects

**Colleges**  
Available at all Colleges except Peterhouse and Trinity

**2013 entry**  
Places available: 65

**Open days 2012**  
College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference E, G

## RELATED COURSES

Education	50
Human, Social, and Political Sciences	64
Natural Sciences	86

## FURTHER INFORMATION

pbs@hermes.cam.ac.uk

www.pbs.tripos.cam.ac.uk

# Theology and Religious Studies

Religion is central to world history, society and human life. This degree explores the varied ways humans have expressed their religious convictions, and how the search for meaning has impacted thought and culture throughout history.

## A relentless pursuit

Theology and Religious Studies asks basic questions about human existence and explores questions of meaning, truth and practice in relation to world religions. It involves the study of scriptures; particular periods of human civilisation; the writings of great thinkers like Aquinas, Luther, Marx, Durkheim and Freud; and reflects on the latest scientific theories.

Although strong in Christian theology (biblical studies and church history), you can either concentrate on Christianity or incorporate a range of religious traditions. It caters for numerous interests – biblical, historical, philosophical and comparative, as well as a mixture of any or all of these. You don't have to be religious to study this degree: our students belong to all religious traditions and none.

## Ancient and modern resources

The award-winning Faculty building is fully equipped with lecture and seminar rooms, a multimedia library, and state-of-the-art audiovisual facilities. Other resources include the manuscripts held in the University Library, such as the *Codex Bezae* (an important early version of the Gospel) and the Genizah collection (a globally significant source for medieval Judaism).

The international teaching staff includes specialists in a variety of faith traditions. In addition, you're taught about a wide range of cultures by experts in different fields from other faculties: archaeologists, historians, philosophers and theologians.

## Careers

The variety of skills developed – from languages and literary criticism to philosophy and history – means our graduates can move into innumerable careers.

Some do go on to teaching or religious ministry, but most work in publishing, the media, business and management, social services, the Civil Service, personnel work, advertising and many other spheres. Our graduates include the present Archbishop of Canterbury, a professor of politics, a television presenter, an editor of a glossy magazine, and an MP.

## Advanced Diploma

*The Faculty offers a one-year Advanced Diploma for those who haven't studied Theology and Religious Studies at undergraduate level, but already have a degree in another subject. Contact the Faculty Office for more information.*



Faculty of Divinity



“”

*It's such a privilege to be studying under so many talented professionals who engage so deeply with such a wide range of theological issues.*

James

Teaching is provided through lectures, classes and supervisions. You can expect up to nine hours of classes and lectures each week (including six for non-language papers and three for languages), as well as a weekly supervision.

Assessment is mainly by three-hour written examinations, but some papers are assessed on the basis of two coursework essays.



### Year 1 (Part I)

You take five papers designed to give you a broad introduction to the basic concepts, knowledge and skills required in the main areas of study. There are two compulsory subjects:

- one scriptural language – Hebrew, New Testament Greek, Qur'anic Arabic or Sanskrit
- a paper on either the Old Testament or the New Testament (but you can take the other in place of one of the choices below)

Plus three other papers from a choice of five:

- Christianity and the Transformation of Culture – considering key periods and issues in the history of Christianity and its interaction with non-Christian cultures
- Who is Jesus Christ? – introducing some of the major themes of Christian theology through a focus on Jesus Christ
- Understanding Contemporary Religion – an introduction to the sociological study of religion
- World Religions in Comparative Perspective – looking at the history, beliefs and practices of the main religions of the world and the problems of comparing them
- Philosophy of Religion and Ethics – debating questions such as the nature of metaphysics, arguments for the existence of God, and the objectivity of morals

### Year 2 (Part IIA)

This builds on the knowledge and skills acquired in Part I. A wide choice of options is available, enabling you to develop a course suited to your own interests. You can choose a total of four papers out of 17.

You may wish to continue to study any of the four scriptural languages at a higher level, or you can drop the study of languages at this stage. The other papers can be freely chosen from subject areas studied in the Faculty, for example:

- biblical studies
- church history
- philosophy of religion
- psychology and religion
- religious themes in literature
- the study of religion
- world religions

You can also choose to take the Part IA Logic paper from the Philosophy course.

### Year 3 (Part IIB)

In your final year, you choose four from a wide range of papers, which includes advanced papers in the Part IIA subject areas as well as Special Subjects and interdisciplinary papers, such as:

- Theology and Science
- Judaism and Hellenism
- Topics in Christian Ethics
- Self and Salvation in Indian and Western Thought
- Sacrifice

You can choose to write a dissertation of 10,000 words in your third year instead of one paper.

UCAS code  
**V600 BA/TRS**

**Duration**  
Three years

**Typical offers require**  
A Level A\*AA

IB 40–42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**Essential** No specific subjects

**Useful** AS/IB Standard Level or above in one or more of English, Religious Studies, History, modern languages

**Colleges**  
Available at all Colleges except Churchill

**2011 entry**  
Applications/place: 2  
Number admitted: 51

**Open days 2012**  
16 March (Oxford and Cambridge Theology open day in Oxford), 25 April – booking required, see the Faculty website

College open days (arts)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference B

### RELATED COURSES

Anglo-Saxon, Norse, and Celtic	34
Asian and Middle Eastern Studies	39
History	60
History of Art	62
Human, Social, and Political Sciences	64
Philosophy	94

### FURTHER INFORMATION

01223 736002

faculty-office@  
divinity.cam.ac.uk

www.divinity.cam.ac.uk

# Veterinary Medicine

Cambridge offers a world-class opportunity to study the scientific basis of veterinary medicine and clinical veterinary science. Our course provides the fundamental building blocks on which to develop and excel in your specialist professional field.

## Veterinary Medicine at Cambridge

The Department of Veterinary Medicine has an international reputation as a centre of excellence, and is performing world-class veterinary research.

A major strength of the Cambridge course is the extensive use of practical teaching and the emphasis on small-group teaching in all six years. Our staff include world leaders in their fields and our facilities include state-of-the-art equipment, such as a five-theatre small animal surgical suite, an equine surgical suite and diagnostic unit, and a superb post-mortem unit. We also have one of Europe's leading cancer therapy units with a linear accelerator for delivering radiotherapy.

## Selection

We are looking for committed students who are really interested in the scientific principles that underlie both the health and disease of animals. In addition:

- trainee veterinary surgeons must satisfy the Royal College of Veterinary Surgeons' fitness to practise requirements, both when applying and throughout the course

- offer holders are required to undergo an Enhanced Disclosure through the Criminal Records Bureau (CRB)
- successful applicants are required to complete a confidential occupational health questionnaire

See full details and guidance at: [www.cam.ac.uk/study/undergraduate/courses/vetmed/](http://www.cam.ac.uk/study/undergraduate/courses/vetmed/).

If you are a disabled applicant, including applicants with a Specific Learning Difficulty or health condition, you should contact a College Admissions Tutor or the Director of Teaching at the Department of Veterinary Medicine as early as possible to discuss your needs and the course requirements. Such disclosures will be considered independently of your academic qualifications and the interview process. Please also see p20.

## Work experience

Work experience is not a requirement for applicants but some experience is useful to understand the profession and what is required of its members.

## Careers

The Cambridge course equips you with the clinical skills and scientific understanding required to enter practice (in the UK and EU) and other areas of veterinary work/science. There are also many opportunities to enter research in universities, Research Council institutes and private companies, and to obtain specialist postgraduate qualifications. In addition, career openings are available with government agencies, animal charities (RSPCA, PDSA etc), in many pet food and drug companies, and in academic posts.



## Entry requirements for Veterinary Medicine

'Science/mathematics subjects' refers to Biology/Human Biology, Chemistry, Physics, and Mathematics. It does not include Psychology.

### GCSEs

- Grade C or above in GCSE (or equivalent) Double Award Science and Mathematics
- Two single awards in GCSE Biology and Physics may be substituted for Double Award Science.

### AS/A Levels

- AS or A Level passes in Chemistry and two of Biology/Human Biology, Physics, Mathematics.
- At least one pass must be at A Level, although most applicants have at least three science/mathematics A Levels and some Colleges require this (see College websites for details).

Please note that in the past three admissions rounds, 93 per cent of applicants for Veterinary Medicine offered three or more science/mathematics A Levels and, of these, 26 per cent were successful in obtaining a place. Of the seven per cent of applicants who offered only two science/mathematics A Levels, just five per cent were successful in gaining a place.

### International Baccalaureate

The GCSE and AS/A Level subject requirements also apply to the IB:

- Individual Middle Years Programme subject results validated by the IB at grade 4 or above will satisfy the GCSE requirements
- Standard Level subjects are broadly comparable to AS Levels
- Higher Level subjects are broadly comparable to A Levels

### Other examination systems

See p144-5 and consult any College Admissions Tutor for further advice.

### Graduate entry

Graduates may apply as an affiliated student (see p29) to Lucy Cavendish, St Edmund's or Wolfson Colleges with:

- a good science honours degree
- passes at GCSE and AS/A Levels (or equivalent) as above



Department of Veterinary Medicine

“”

*The course is great! I've really enjoyed learning all the science background, while the third year allows you to focus on something that really interests you.*

Josie

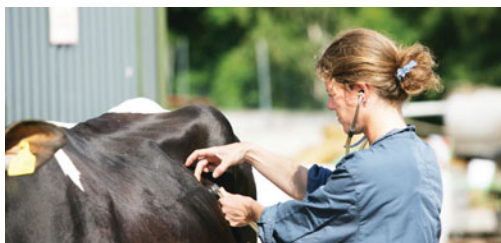
# Veterinary Medicine (cont.)

At Cambridge, you study the basic veterinary sciences first, before moving on to apply that knowledge to veterinary practise as a clinical student.

During your Pre-Clinical Studies, you are taught through lectures, practical classes (including dissections) and supervisions, and you can typically expect 20-25 timetabled teaching hours each week. The Clinical Studies teaching is a mixture of lectures (Years 4 and 5), tutorials, supervisions and clinical rotations.

During the first three years of the course, you must complete your Pre-Clinical Extramural Studies. This involves 12 weeks' work experience during the University vacations in order to gain knowledge of animal husbandry. Work experience carried out before starting the course cannot be counted. During your Clinical Studies, you must complete 26 weeks of Clinical Extramural Study during University vacations.

Your progress is reviewed on a weekly basis by your College supervisors and your Director of Studies monitors your overall progress in all aspects of the course. Formal assessment, which determines your progression through the course, takes a variety of forms including written essays, short answer and practical examinations, and multiple-choice questions.



## Pre-Clinical Studies Years 1 and 2

In Years 1 and 2, the Medical and Veterinary Sciences Tripos (MVST), you are taught the relevant core scientific knowledge and skills that you will need as a veterinary medicine professional.

In addition to core science, you follow the Preparing for the Veterinary Profession course (an introduction to the ethical, social and professional responsibilities of the profession) and a course in the Principles of Animal Management.

Taught by some of the world's top academic scientists and veterinary surgeons, we provide you with the scientific basis that will allow you to develop your veterinary career to its full, whether your aim is to deliver outstanding care or whether you wish to contribute to pushing forward the boundaries of academic veterinary medicine.

You can read more about the MVST on our website at: [www.cam.ac.uk/mvst/](http://www.cam.ac.uk/mvst/).

## Year 3

You specialise in one of a wide range of other subjects offered by the University (sometimes referred to by other universities as intercalation) to qualify for the BA degree. Options include:

- Part II Biological and Biomedical Sciences (see p92)
- a single Part II Natural Sciences subject (see p92-3)
- a subject less obviously related to veterinary medicine, such as Anthropology, Management Studies or Philosophy

Successful completion of the Pre-Clinical Studies leads to a BA degree. All veterinary students then continue to the three years of Clinical Studies at the Department of Veterinary Medicine.



## Clinical Studies Putting science into practise

The emphasis of the Clinical Studies is to give you sufficient clinical knowledge and skills to practise veterinary medicine, and also to provide you with the scientific background you need to respond to future trends and advances in veterinary medicine.

### Year 4

You study topics including:

- animal breeding
- nutrition and welfare
- animal pathology
- microbiology and veterinary parasitology
- species medicine
- clinical pharmacology
- radiography
- gastroenterology
- communication skills

You also learn about veterinary public health, including food hygiene, state veterinary medicine and the medicine of laboratory animals.

These topics are examined in Part I of the Final Veterinary Examination in a series of 15 single-subject examinations.

Clinical tuition begins with basic clinical methods and integrated teaching in the husbandry and medicine of horses and farm species. Two mornings each week are given over to practical clinical work including basic clinical examination of the main animal species, radiography and post-mortem investigation.

### Year 5

You complete the courses in species medicine started in Year 4, and instruction is given in subjects including:

- cardiology
- neurology
- oncology
- clinical pathology
- endocrinology
- various surgical topics
- communication skills

Two mornings every week are again set aside for practical clinical work, including visits to external establishments such as the RSPCA clinic, and one morning a week is used for medical demonstrations.

Part II of the Final Veterinary Examination then tests your understanding of principles and concepts of veterinary medicine, as well as your ability to integrate information across the Part I series of subjects.

### Year 6

This year is lecture free with tuition centred on small-group clinical teaching in which groups rotate through different disciplines in the hospital with individual clinicians. You are given the maximum possible responsibility for the management of clinical cases, allowing you to develop your clinical and problem-solving skills and client communication skills in a real clinical practice environment. Finally, you have a period of eight weeks' elective study in which to explore a special interest.

During the year, marks awarded in continuous assessment count towards Part III of the Final Veterinary Examination, which is examined in May of the final year.

Achievement of the VetMB degree allows you to become a member of the Royal College of Veterinary Surgeons (RCVS), which is the professional qualification required to enter practice.

UCAS code  
**D100 MB/VetMB**

**Duration**  
Six years

**Typical offers require**  
A Level A\*AA

IB 40-42 points, with 776 or 777 at Higher Level

**Other qualifications**  
See p144-5

**See box on p101 for subject requirements**

**Admissions test**  
All Colleges require applicants to take the BMAT ([www.cam.ac.uk/study/undergraduate/tests/](http://www.cam.ac.uk/study/undergraduate/tests/))

Applicants are responsible for registering for the BMAT by 1 October 2012

**Colleges**  
Available at all Colleges except Christ's, Corpus Christi, Homerton, Hughes Hall, King's, Peterhouse and Trinity

**2011 entry**  
Applications/place: 6  
Number admitted: 73

**Open days 2012**  
5 July, 6 July – booking required, see the Department website

College open days (sciences)

Cambridge Open Days – 5 July, 6 July (see p147)

**Directions**  
Map reference E, G, K

## RELATED COURSES

Natural Sciences 86

## FURTHER INFORMATION

01223 330811



admissions.enquiries@vet.cam.ac.uk



[www.vet.cam.ac.uk/application/](http://www.vet.cam.ac.uk/application/)



# Management Studies

Management Studies is offered as a Part II-only course. Students at any College can apply to transfer to Management Studies after two or three years of studying another subject at Cambridge.

**Duration**  
One year

**Entry requirements**  
Competitive entry after two or three years of another Cambridge course<sup>1</sup>

**Places available**  
70

**Directions**  
Map reference J

## A management environment

No undergraduate business degree by itself can teach someone how to be a competent manager: that comes with experience, and then further education. What Management Studies enables you to do is to study the subjects relevant to management and the environment in which the manager operates, whilst still a full-time student.

You gain a sound understanding of the fundamentals of management and various aspects of management practice, as well as gain practical experience in a real-life context. You acquire the skills that a good manager needs, including the ability to apply critical analysis to management issues, and an awareness of the responsibilities of managers in an economic, social and environmental context.

The value of our course is evident in the successful careers of our graduates. Since its introduction in 1986, students who have taken Management Studies have found little problem in finding the type of employment they seek in industry and commerce.



Judge Business School

## A stimulating environment

Management Studies is the responsibility of the Judge Business School, one of the top business schools in the world. The Judge Business School provides the library and computing facilities you need for both carrying out coursework and preparing papers and presentations.

However, amongst the most stimulating resources on the course are your fellow students: they come from different subject areas and have contrasting strengths, enabling you to learn from each other.

## Teaching and topics

Teaching involves lectures, supervisions and other active learning methods, such as a negotiations workshop.

The six main areas of a manager's work make up the core subjects of the course:

- Business and Management Economics
- Human Resources and Organisations
- Operations and Information Systems
- Strategy and Marketing
- Finance and Accounting
- Management Science

### FURTHER INFORMATION

☎ 01223 339700

@ enquiries@jbs.cam.ac.uk

🌐 www.jbs.cam.ac.uk

<sup>1</sup> Please note that not all Colleges allow students whose original course is three years to stay on to take Management Studies as a fourth year.

# Manufacturing Engineering

Manufacturing Engineering is offered as a Part II-only course. Students at any College can apply to transfer to Manufacturing Engineering after completing Part I of Chemical Engineering or Engineering.

## Engineers and entrepreneurs

Successful, wealth-creating industries are increasingly managed by engineers with an appropriately broad education and training. Manufacturing engineers naturally have particular expertise in the design and operation of manufacturing facilities, but increasingly their role is as leaders of multidisciplinary teams.

Manufacturing Engineering gives you a thorough grounding in manufacturing technology and management, together with an understanding of the full range of activities involved from market analysis through product design and production, to sales and distribution, all set firmly within a financial and business context. As well as the engineering and business sides, you also acquire a sound understanding of the human issues of industry and develop people skills.

## An international emphasis

The course has a strong international emphasis: students are involved in activities in the UK and abroad with other European manufacturing students as part of the ESTIEM (European Students of Industrial Engineering and Management) network. In addition, the course

includes an Overseas Study Project, when the whole group travels abroad to investigate an area of current relevance. Recent projects have looked at how manufacturing industry is emerging and evolving in India, and the Californian approach to industrial sustainability.

## Teaching

Lecture courses (taught papers) provide the academic framework for the subject, and are complemented by project work, industrial visits and a programme of personal and business skills development. Successful completion of the programme leads to the award of the BA and MEng degrees.

## Careers

Our graduates are much sought after for demanding jobs, not only in manufacturing but also in other branches of engineering, consultancy and commerce, and indeed a whole range of unrelated fields. They're equally well-placed to start their own companies, having gained a comprehensive understanding of how business works and having acquired contacts within a large number of national and international companies.

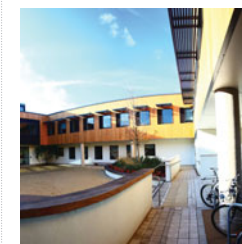
**Duration**  
Two years

**Entry requirements**  
Competitive entry after successful completion of Chemical Engineering Part I (see p42) or Engineering Part I (see p53)

Applications from other science students may be considered

**Places available**  
40

**Directions**  
Map reference K



Institute for Manufacturing

### FURTHER INFORMATION

☎ 01223 338078

@ met-enquiries@eng.cam.ac.uk

🌐 www.ifm.eng.cam.ac.uk/met/



# Colleges

Once you've decided we offer a course that you'd like to study, you need to consider College choice.

You can either choose a particular College to receive your application, or you can make an 'open' application (see p108) and accept the allocation made by a computer program.

In both cases, your UCAS application will be sent to a College, and that College will assess it.

## What's a College?

Your College is your base for the time you're at Cambridge. It's where you live, eat, do a lot of socialising and where you often (though not always) have your supervisions (see p5).

## Are some Colleges better for certain subjects?

All students on the same course, regardless of their College, attend the same lectures, seminars and practicals, and sit the same exams. So it's not the case that some are better for particular courses.

## How do I choose a College?

Unfortunately, there's no single answer to this because everyone's different. We suggest that you consider:

- **course** – some Colleges don't take students in all subjects so check availability
- **your age** – four Colleges are exclusively for mature students (aged 21 or over, see p28-9) and their facilities are geared accordingly

- **your gender** – three Colleges only consider applications from female students
- **College size** (number of students)
- **location** in the city
- **appearance** and type of accommodation (eg on-site or College-owned houses)
- **particular facilities**
- **personal instinct** – many students can't explain why they were drawn to their College other than it just 'felt right' for them

This section introduces each College and gives you a flavour of what they have to offer. Once you've read the College profiles:

1. shortlist around half a dozen
2. look at their websites to get more detailed information
3. if you have any questions, get in touch with College admissions offices
4. visit a few Colleges so you can meet current students and see for yourself what it might be like to live and study there

Don't agonise too long over choosing a College. They have many more similarities than differences, and most students quickly settle in and really enjoy their College, wherever they end up! Each year around 700 applicants receive an offer through the pool system (see p141) from a different College to the one they originally applied to. This is about 20 per cent of all offers made.



College entrance

Your College is your base for the time you're at Cambridge. It's where you live, eat, and do a lot of socialising.



The Backs

### How NOT to choose a College

There are a few misconceptions that exist about ways of choosing a College.

- **Applications statistics** – choosing a College that attracts fewer applications or making an open application won't increase your chance of getting an offer.
- **Travelling time** – Cambridge is a compact city so wherever you are, getting between your College and your department (by foot, bike or bus) isn't difficult.
- **Discounting single-sex Colleges** – university teaching (lectures, practicals and seminars) is mixed and male friends are welcome in the women's Colleges at all times.
- **Age of the College** – the age (or youth!) of a College won't affect your student experience. They all provide facilities and support you'd expect and each has its own traditions and history.
- **Specialisms of College Fellows** – the research specialisms of a College's Fellows won't dictate what you can study and you'll attend supervisions at other Colleges if that's where the relevant subject expert is based.

Further information  
[www.cam.ac.uk/choosingacollege/](http://www.cam.ac.uk/choosingacollege/)

### What's an open application?

If, having looked at the different Colleges, you don't mind which you attend, you could make an open application rather than trying to choose.

- After the closing date (15 October), a computer program allocates each open application to a College.
- The basis of the allocation is to even out the distribution of applicants across the Colleges.
- Once allocated to a College, your application will be treated exactly the same as any other application.
- For equally well-qualified applicants, making an open application or applying directly to a College makes no difference to your chances of being made an offer.

If you're an applicant with unusual qualifications (eg a non-standard choice of A Levels for your subject), a mobility and/or sensory impairment, or need specific advice, then it's advisable to apply to a specific College having sought their advice about your circumstances at an early stage, rather than make an open application.

Before you submit an open application, be sure that you'll be quite happy whatever the outcome: we can't change it once it's done.

Further information  
 See p139-42 and [www.cam.ac.uk/apply/](http://www.cam.ac.uk/apply/)

# Christ's College

Christ's is the College of John Milton and Charles Darwin, and has a tradition of academic excellence and achievement.



First Court

The atmosphere at Christ's is a blend of traditional and modern; as befits a College founded 500 years ago by Lady Margaret Beaufort, mother of Henry VII, but situated at the heart of a bustling city. The College is small enough to be friendly and personal, yet large enough for everyone to be able to find friends. Our students come from all over the world and from all types of schools and social backgrounds. There's no typical Christ's student: everyone can feel at home here.

At Christ's, we aim to provide the very best teaching and pastoral support. While we particularly encourage applications from schools and colleges with little tradition of applying to Cambridge, our admissions decisions are based solely on academic merit and potential.

Our courts and gardens are spacious, calm and beautiful. We can offer accommodation to all undergraduates for their entire course. All rooms have internet connections, many have recently been renovated and upgraded and 40 per cent are en suite.

Facilities for both academic study and extra-curricular activities are excellent: the library is open 24 hours a day, there's a newly refurbished theatre, a visual arts centre, fitness suite, swimming pool, squash court and much more. The well-equipped boathouse and sports grounds are both nearby.

Our students take full advantage of all these facilities, with successful teams in many sports. There are also active theatre and film societies, as well as a flourishing music scene and a wide range of other student-run clubs and activities.

For more information please visit our website or that of our students ([www.thejcr.co.uk](http://www.thejcr.co.uk)). Alternatively, please get in touch ([access@christs.cam.ac.uk](mailto:access@christs.cam.ac.uk)) if you would like to arrange a visit to your school, or a trip to Cambridge.

“

*From the moment I stepped in, Christ's felt like home; I just got a good feeling about it! The College is a fantastic community, I've made so many friends and can't think of anywhere I'd rather live and study.*

Emmie



New Court accommodation



Swimming pool

UCAS campus code  
**A**

#### Courses available

All courses except  
 Veterinary Medicine

#### Student numbers

420 undergraduates  
 170 postgraduates

#### Director of Admissions

Mrs Paula Stirling

#### Senior Tutor

Dr R E Hunt

#### Open days 2012

See the College website for  
 information and booking

#### All subjects

20 March, 4 July,  
 25 September

#### Mathematics

28 April

See also Cambridge  
 Open Days p147

#### Location

Map reference 1

St Andrew's Street  
 Cambridge CB2 3BU

☎ 01223 763983

✉ [admissions@christs.cam.ac.uk](mailto:admissions@christs.cam.ac.uk)

🌐 [www.christs.cam.ac.uk/admissions/](http://www.christs.cam.ac.uk/admissions/)



UCAS campus code  
**B**

#### Courses available

All courses except Land Economy, and Theology and Religious Studies

#### Student numbers

465 undergraduates  
285 postgraduates

#### Admissions Tutors

Dr Sally Boss (*Natural Sciences, Medicine and Veterinary Medicine*)  
Dr Nick Cutler (*all subjects*)  
Mr Richard Partington (*all subjects*)  
Dr Paul Russell (*Computer Science, Engineering and Mathematics*)

#### Senior Tutor

Mr Richard Partington

#### Open days 2012

See the College website for information and booking

#### All subjects

13 April, 5 July,  
6 July, 21 September

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

Map reference 2

Storey's Way  
Cambridge CB3 0DS

☎ 01223 336202

✉ admissions@chu.cam.ac.uk

🌐 www.chu.cam.ac.uk

# Churchill College

Churchill College was founded in 1958 as the national and Commonwealth memorial to Sir Winston Churchill. Today it reflects both his interest in science and technology, and his personal stature as a visionary politician and Nobel Prize winner for Literature.



Our green and leafy site

Churchill stands out. We admit an unusually high proportion of science students, but in this large College arts students are also plentiful in number and notably involved in our vibrant student life. Both artists and scientists achieve brilliant academic results.

Facilities and accommodation are excellent. We have all the usual things plus on-site playing fields, squash and tennis courts, a large gym, a theatre/cinema and new, state-of-the-art music and recording facilities. Our Modernist architecture gives the place a definite character and floods it with light. Almost all undergraduates live within our vast, green and leafy site. Rooms are of exceptional quality: modern, warm, bright, internet-connected and 30 per cent en suite. Rents are kept very competitive.

Another plus is our location, just outside the city centre and adjacent to Fitzwilliam, Murray Edwards, Trinity Hall's Wychfield campus, and the University's exciting new West Cambridge science development. The University Library and the arts faculties and departments are also nearby.

Churchill is a very friendly, unfussy and forward-looking place. People are here to contribute, have a great time and above all excel academically and intellectually. The College provides you with outstanding teaching and guidance, plus the practical tools (an excellent library, for instance). It's then your job to forge your own exciting and challenging path through your subject. In admission, we strongly prioritise academic track-record while actively encouraging students from a great diversity of backgrounds. To quote one of our own students, at Churchill 'we peel away the bad bits about Cambridge and maintain all that is great about the University'.

# Clare College

Clare is a forward-looking College with a tradition of academic achievement and a strong reputation for its friendly, unpretentious student community. College life centres on the elegant seventeenth-century Old Court, set by the river in central Cambridge.



Space to meet

At Clare, diversity is important to us and we accept students from all educational backgrounds, aiming to keep our ratio of students from state and independent schools comparable to that for the University as a whole. Applicants come to us with very varied educational experiences and we assess them individually, looking for academic ability and intellectual potential combined with enthusiasm and commitment.

Staff and students work closely together to achieve a supportive egalitarian community, and student representatives have voting rights on all major College committees. With its large and active teaching Fellowship, Clare is the College

for students who enjoy the challenge of hard work, want to stretch themselves to their fullest abilities, make friends and develop their extra-curricular interests. As well as its thriving societies for politics, sports, comedy, drama and much else, Clare has a strong musical tradition: the choir has achieved international acclaim, while the crypt is a favourite venue for live music.

Just across the river, directly opposite the University Library, lies the Memorial Court complex, where all first-year students are housed in spacious accommodation, most of it en suite. Most of the arts and sciences faculties are only five minutes' walk away, and Clare has one of the University's best stocked libraries, especially in Law.

To find out more, come to an open day to meet students and Fellows. Online booking forms can be found on the website. Alternatively, contact the Schools Liaison Officer (schools@clare.cam.ac.uk) to arrange a visit to your school or a group trip to the College.

UCAS campus code  
**C**

#### Courses available

All courses

#### Student numbers

504 undergraduates  
240 postgraduates

#### Admissions Tutors

Dr Jonathan Goodman (*Sciences*)  
Dr Kirsty Hughes (*Arts*)

#### Senior Tutor

Dr Patricia Fara

#### Open days 2012

See the College website for information and booking

#### All subjects

5 July, 6 July

#### Arts

21 September

#### Sciences

22 September

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

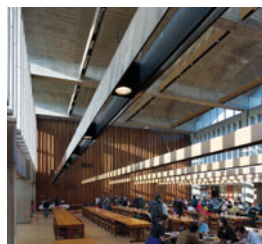
Map reference 3

Trinity Lane  
Cambridge CB2 1TL

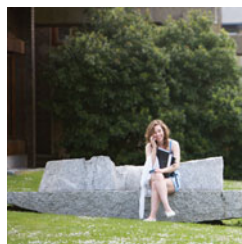
☎ 01223 333246

✉ admissions@clare.cam.ac.uk

🌐 www.clare.cam.ac.uk



College dining hall



Time out to relax

“““

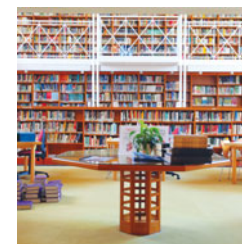
*Churchill's motto is 'Forward' and this applies directly to the student experience. The College combines Cambridge's unrivalled academic excellence with a less traditional atmosphere and world-class, modern facilities.*

Gabe

“““

*Clare's been absolutely brilliant, from the Fellowship to the Porters and the staff, to the students' union and the boat club. I've loved every second of it. The ethos and philosophy of the College suit me perfectly.*

Pat



Space to work



Space to think

UCAS campus code  
**Z**

#### Courses available

All courses except Architecture, Economics, Education, Land Economy and Veterinary Medicine

#### Student numbers

253 undergraduates  
220 postgraduates

#### Admissions Tutor

Dr Melanie Taylor

#### Senior Tutor

Dr Marina Frasca-Spada

#### Open days 2012

See the College website for information and booking

#### All subjects

20 April, 15 September

#### Mathematics

28 April

See also Cambridge

Open Days p147

#### Location

Map reference 4

Trumpington Street  
Cambridge CB2 1RH

01223 338056

admissions@  
corpus.cam.ac.uk

www.corpus.cam.ac.uk

# Corpus Christi College

At Corpus, you will find yourself part of an intellectual community that is both stimulating and supportive. We are committed to providing an environment where everyone can achieve their potential.



New Court

Corpus Christi is one of the oldest Colleges in Cambridge, founded in 1352, and lies in the medieval heart of the town. The venerable and ultra-modern sit side by side in Corpus. The Parker Library holds one of the most precious collections of early English and Anglo-Saxon manuscripts in the world, whilst on the other side of the College site lie our state-of-the-art undergraduate library and student centre, completed in 2008. Our central location means that we're within easy reach of University and faculty buildings and resources.

Our students come from a wide range of social and educational backgrounds and the College has a reputation for being unpretentious and cosmopolitan. Hard work and success are highly valued.

This not only means providing the necessary academic resources such as well-stocked libraries, computing facilities and excellent teaching, but also pastoral support when needed.

Corpus has a lively and well-supported social, sporting and cultural life, which includes a dynamic music scene, a flourishing Chapel choir, and regular productions at our student-run studio theatre, The Corpus Playroom. Our boathouse and sports facilities are also close to the College.

As a Corpus undergraduate you'd be accommodated for at least the first three years in single-occupancy rooms in, or close to, the main College buildings (some en suite rooms are available in our Beldam Building).

We're keen to hear from anyone who has a real interest in their subject and the potential to succeed at Cambridge. If you're unable to attend one of our open days, our Admissions Co-ordinator is happy to answer queries or arrange a visit.

# Downing College

Founded in 1800, Downing is both the newest of the 'old' Colleges and the oldest of the 'new'. We take academic study and research extremely seriously and strive to provide a friendly and supportive environment in which our students can flourish.



Relaxing outside

Although in close proximity to many University faculties and departments, Downing College's tranquillity and spaciousness are striking. The beautiful Neo-Classical buildings, set in a landscape of lawns, trees and gardens, provide a calming oasis in the middle of a busy city.

Accommodation is of a very high standard: all rooms are single occupancy, with internet connections. Over half have en suite facilities and several are adapted for students with mobility difficulties or a hearing impairment. We provide all undergraduates with accommodation for at least three years. The College also has an up-to-date library with impressive IT facilities.

Music at Downing is very strong, with a flourishing Chapel choir and frequent concerts and recitals. The newly-built Howard Theatre provides a stunning venue for drama and music. The College's sporting facilities are also exceptional, including a sports ground, a boathouse, and a gym, as well as tennis and basketball/netball courts. The large, tree-lined Paddock is a relaxing recreational space that's available for all to enjoy.

Downing provides a friendly and sociable academic community for students studying all subjects offered at Cambridge. We do not discriminate in favour of any kind of applicant and welcome talented and committed students irrespective of family background, school type, gender, ethnicity, sexuality, or religion. We seek applications from all who have the academic capability and potential to make the most of the opportunities that Cambridge has to offer. Visit us on one of our open days to tour the College and to meet students and Fellows. Our website provides information and a booking form.

UCAS campus code  
**D**

#### Courses available

All courses

#### Student numbers

425 undergraduates  
258 postgraduates

#### Admissions Tutors

Dr Marcus Tomalin (Arts)  
Dr Guy Williams (Sciences)

#### Senior Tutor

Professor Graham Virgo

#### Open days 2012

See the College website for information and booking

#### All subjects

28 April, 4 September,  
7 September, 14 September

#### Mathematics

28 April

See also Cambridge  
Open Days p147

#### Location

Map reference 5

Regent Street  
Cambridge CB2 1DQ

01223 334826

admissions@  
dow.cam.ac.uk

www.dow.cam.ac.uk



Graduation day



Taylor Library

“““  
*Corpus is such a great place to live and study because of its small size – you get to know everyone so quickly that it's difficult not to feel at home.*

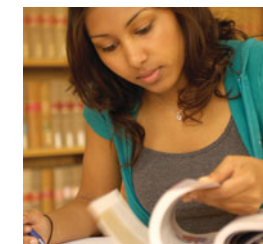
Brendan

“““  
*Wide open spaces, beautiful buildings, great accommodation, fantastic facilities, a lively and friendly student body, and a world-class education. What more could you ask for?*

Dan



Open spaces



Revising in the library

UCAS campus code  
**E**

#### Courses available

All courses except Land Economy and the combinations of Education with Biological Sciences, English and Drama, and Physical Sciences

#### Student numbers

460 undergraduates  
206 postgraduates

#### Admissions Tutors

Dr Carolin Crawford (*Sciences*)  
Dr Robert Henderson (*Sciences*)  
Dr Philip Howell (*Arts*)  
Dr Corinna Russell (*Arts*)

#### Senior Tutor

Dr Robert Henderson

#### Open days 2012

See the College website for information and booking

#### All subjects

26 June, 26 September (afternoon)

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

Map reference 6

St Andrew's Street  
Cambridge CB2 3AP

☎ 01223 334290

@ admissions@emma.cam.ac.uk

🌐 www.emma.cam.ac.uk

# Emmanuel College

The reputation of Emmanuel as 'the friendly College' has continued to grow over the past decade. This reputation, like the College's excellent record of academic achievement, is primarily due to our students.



The Chapel in Front Court

It's Emmanuel's students who continue to excel in their exams, their sport and their music, while still finding time to enjoy an active and inclusive social life. The College provides the framework – excellent facilities for sport, computing and music, superb teachers, a library with one of the best reading rooms in Cambridge, a student-run bar etc – but the students do the rest.

Emmanuel is a community that lives by principles of tolerance, mutual support and collective responsibility. There's no place at Emmanuel for discrimination on the grounds of ethnicity, political or social

background, gender or sexuality. Our site isn't ideal for all disabilities but we welcome early discussion with disabled students to see whether what we can offer is attractive to and workable for them.

Emmanuel is first and foremost an intellectual community in which individuals can develop to their full potential. It's also aesthetically pleasing: the spaciousness and quiet architectural beauty of the grounds and buildings, in the very centre of Cambridge, surprise everyone who enters. The Head Gardener believes that gardens are to be used, so the two ponds, with their ducks and moorhens, the tennis courts in summer, the swimming pool and the large grass area known as the Paddock, are there for all members of the College to enjoy. However, the grass in Front Court is sacrosanct: only ducks and Dons, and snowmen that appear mysteriously in the middle of the night, are allowed on it.



The Hall



Enjoying the gardens

““

*Ducks, a swimming pool and tennis courts in summer... Emma is beautiful, friendly and a fantastic place to live and study.*

Nicola

# Fitzwilliam College

Fitzwilliam College was established on its present site on Castle Hill in the mid-1960s but Fitzwilliam's history goes back to 1869, and the foundation of a non-collegiate body with the aim of widening access to the University.



Fitzwilliam Hall and Tree Court

We're proud of this tradition, and have consistently attracted a larger than average proportion of talented state sector applicants. However, we consider each applicant in detail on their individual merits, regardless of educational background.

Welcoming, unstuffy and diverse, the College offers a stimulating academic and social community into which students from all backgrounds settle happily. All undergraduates are assured of College accommodation for the whole three or four years of their course. Fitzwilliam offers a full range of facilities, including a popular café bar, art studio, dark room, gym and squash courts.

The College occupies a large and peaceful site, off the tourist trail but within 10 minutes' cycle-ride of almost all faculties and departments. The beautiful gardens – with a flourishing squirrel colony – are one of the city's best-kept secrets.

Many Fitzwilliam students combine academic success with wider interests, such as music, theatre and sport. The 250-seat state-of-the-art auditorium provides one of the best performing spaces in Cambridge. The extensive playing fields are situated nearby, and the College has its own elegant and well-equipped new boathouse on the river.

Our new Library and IT Centre (an environmentally-friendly design by the 2008 RIBA Gold Medallist, Edward Cullinan) opened in early 2010. The building provides excellent work spaces across its four floors and in its unique spiral tower, as well as extensive computer facilities and wireless internet access throughout. Open 24 hours, the Library is at the centre of the College's vibrant academic life.

Prospective applicants are welcome to visit the College at any time by prior arrangement. Please contact our Admissions Office to make an appointment.

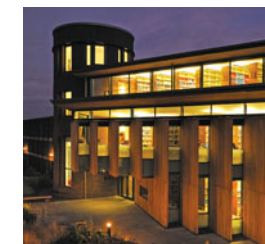
““

*After spending three days at Fitz as part of the CUSU Shadowing Scheme I was convinced. The friendliness of the students and general attitude and unpretentiousness of the College made me feel instantly at home.*

Richard



The Grove and library



College library

UCAS campus code  
**F**

#### Courses available

All courses

#### Student numbers

466 undergraduates  
300 postgraduates

#### Admissions Tutors

Professor David Cardwell (*Sciences*)  
Dr Rosemary Horrox (*Arts*)  
Dr Sara Owen (*Deputy*)  
Ms Mary Young (*Recruitment*)

#### Senior Tutor

Dr Paul Chirico

#### Open days 2012

See the College website for information and booking

#### All subjects

1 September

#### Arts

28 April

#### Sciences

12 May

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

Map reference 7

Storey's Way  
Cambridge CB3 0DG

☎ 01223 332030

@ admissions@fitz.cam.ac.uk

🌐 www.fitz.cam.ac.uk

UCAS campus code

**G****Courses available**All courses except  
Education and History of Art**Student numbers**532 undergraduates  
223 postgraduates**Admissions Tutors**Dr Veronica Bennett (*Arts*)  
Dr Sandra Fulton (*Sciences*)**Senior Tutor**

Mr Andrew Jefferies

**Open days 2012**See the College website for  
information and booking**All subjects**

25 June, 15 September

**Mathematics**

28 April

See also Cambridge  
Open Days p147**Location**

Map reference 8

Huntingdon Road  
Cambridge CB3 0JG

☎ 01223 338972

✉ admissions@  
girton.cam.ac.uk

🌐 www.girton.cam.ac.uk

# Girton College

Set in over 20 hectares of beautiful parkland and gardens just outside the city centre, Girton College's setting matches its open and informal atmosphere.



Eliza Baker Court

Founded on values of equality and diversity, Girton offers every student superb facilities in which to live and learn. As one of the larger Cambridge Colleges, we offer University places for almost every course. Whatever your subject, you'll receive top-class tuition, excellent support, and an opportunity to exceed your expectations.

Girton is a home-from-home where you can experience all that's best about being at Cambridge. The College has some of the best on-site sporting and leisure facilities in the University. These include football, rugby and cricket pitches; tennis, squash and basketball courts; a gym and, uniquely, an indoor heated swimming pool.

There's a wide variety of student-run clubs and societies, including an amateur dramatics society and some of the best facilities for music in the University.

Girton offers accommodation for all its students for three years. As well as spacious living accommodation, we have a state-of-the-art library, well-equipped computer rooms, and internet connections across all accommodation. We maintain roughly equal numbers of men and women amongst our Fellowship and student body. The relationship between Fellows, students and staff is friendly, lively and supportive.

In addition to the main College site, Girton also boasts Wolfson Court – a second building about 10 minutes' walk from the University departments in the city centre and at the West Cambridge Site. Both sites have self-service cafeterias which provide lunches and evening meals and are open to all Girton students.

# Gonville & Caius College

Caius is a large, friendly, vibrant College based around three beautiful courts in the very centre of Cambridge. Founded in 1348, today the College is known for its academic ambition and energetic student body.



Caius Court from the College library

At Caius, we're proud of our strong sense of community and our commitment to the pastoral support of our students.

We admit students solely on the basis of academic potential. This potential can be demonstrated in different ways and each applicant is considered as an individual. Our students come from every type of school and social background and are of many different nationalities. To help you settle in, we operate a 'parenting scheme' to welcome new students into the College community.

Caius has over 100 Fellows. Stephen Hawking is the best known, but many others have international reputations.

The range of teaching and research interests within the College is huge and all subjects are supported at the highest level. Our students are able to form close working relationships with their teachers. Many subjects have their own societies within the College, bringing together students and Fellows for dinners, discussions and lectures.

Accommodation is provided for all students throughout their time at Cambridge. Rooms range from ultra-modern en suite study bedrooms, which every first-year student benefits from, to medieval 'sets' with a separate living room and bedroom, to College-owned houses. We encourage students to dine together in the College Hall but all accommodation provides basic cooking facilities. We have an extremely impressive library, containing over 100,000 books and journals. We also offer excellent musical and sporting facilities, including our own large, central sports ground and a gym. In addition, the College supports a wide range of very successful clubs and societies – if you want to do it, you can do it here. Feel free to visit us to see the College for yourself.

UCAS campus code

**Y****Courses available**

All courses

**Student numbers**500 undergraduates  
250 postgraduates**Admissions Tutor**

Dr Andrew Bell

**Senior Tutor**

Dr David Holburn

**Open days 2012**See the College website for  
information and booking**All subjects**

5 July, 6 July

**Mathematics**

12 May

See also Cambridge  
Open Days p147**Location**

Map reference 9

Trinity Street  
Cambridge CB2 1TA

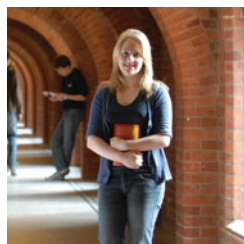
☎ 01223 332440

✉ admissions@  
cai.cam.ac.uk

🌐 www.cai.cam.ac.uk



Girton JCR



Cloister Corridor

““

*Were I to choose again, I wouldn't apply anywhere else. There's a College togetherness like at no other College. Always a friendly face and College staff are approachable. One of the unrecognised gems of Cambridge Colleges.*

Andrew

““

*Maybe what's most impressive about the societies at Caius is the general atmosphere of inclusion, development and achievement. This ensures that any time spent doing something extra-curricular at Caius is time well spent.*

Jack



Gonville Court



College bar

UCAS campus code  
**H**

#### Courses available

All courses except Architecture, Medicine and Veterinary Medicine

#### Student numbers

600 undergraduates  
550 PGCE and other graduate students

#### Admissions Tutor

Mr Steve Watts

#### Senior Tutor

Dr Peter Warner

#### Open days 2012

See the College website for information and booking

#### All subjects

6 July, 11 September

#### Mathematics

12 May

See also Cambridge

Open Days p147

#### Location

Map reference 10

Hills Road  
Cambridge CB2 8PH

01223 747252

admissions@  
homerton.cam.ac.uk

www.homerton.cam.ac.uk

# Homerton College

Homerton is the most recent College of the University, as well as one of the largest and most diverse, but we've been in Cambridge for well over 100 years.



View of the College

At Homerton, we have a few long-established traditions, but as each new generation of students arrives we look with them at new ways of being an academic community; enhancing what's already one of the liveliest and most vibrant places for living and learning in the University.

Homerton is a green oasis on the south side of the city, with spacious grounds through which all College members can roam (even walking on the grass!). Our buildings are a mixture of old and new, with a fine Victorian building at the College's heart. Our study bedrooms

have en suite bathrooms and all the necessary links that technology allows. Living in College is overwhelmingly popular, not just for the comfortable rooms, but for the full social and intellectual life that the College offers.

We have the usual facilities: a large library, a theatre, a dance studio, music rooms and, more unusually, sports grounds on-site. Our students take full advantage of these to play hard as well as work hard.

Homerton has always been an open and friendly place; a place to become what you want to be. Our students participate fully in the life of the College, either taking part in its decision-making through the Students' Union, or enriching the local and wider society with their multitude of interests, skills and enthusiasms. As we develop we will stay a place where doors are open, where nobody is too grand to talk to you, and where each student can develop their full potential in supportive – and beautiful – surroundings.



College supervision



Graduation day

““

*It's just the most buzzing, lively, friendly atmosphere – and I love being a part of it!*

Sandy

# Hughes Hall

Hughes Hall admits mature undergraduates over the age of 21 and affiliated students (who already have a good honours degree from another university). The College is the oldest graduate College in the University, founded in 1885 for the training of graduate women teachers.



Entrance to Fenner's Building

Since then Hughes Hall has become a lively and cosmopolitan community of 500 mature undergraduate and graduate students studying for nearly all degrees offered by the University.

We welcome applications from students of all backgrounds: A Levels, BTEC, Open University, Access and similar qualifications are all considered. Applicants must be able to demonstrate their potential to succeed on a Cambridge course, and evidence of recent study at the relevant level is important.

In summary, Hughes Hall offers you:

- dedicated and experienced Tutors and Directors of Studies attuned to the needs of mature and affiliated students

- a distinguished academic reputation, with Fellows and senior members of the College representing many University departments and disciplines
- a friendly, lively and civilised atmosphere promoting academic and extra-curricular aspirations for all students
- first-class accommodation within the College campus, available to all single undergraduate and affiliated students throughout their course
- attractive buildings (including new accommodation block and large dining hall/common room overlooking Fenner's cricket ground) and quiet, relaxing gardens open to all College members
- a city-centre location, close to many of the University's and city's facilities
- a distinguished sporting reputation, with active College sports teams and many other clubs and societies
- a programme of concerts, seminars, talks, and formal dinners fostering a friendly College community
- a recently completed Learning Resource Centre with modern library, computer and study facilities
- an international and cosmopolitan community, supportive of overseas students

““

*The key thing about Hughes Hall is diversity. It's a College packed with students from varying cultures, countries and backgrounds, both undergrad and postgrad, forming a unique community in which to enjoy the social and intellectual joys of study.*

John



MCR President with two students



The new and the old at Hughes

UCAS campus code  
**7**

#### Courses available

All courses except Architecture, Medicine (other than the Graduate Course) and Veterinary Medicine

#### Student numbers

70 mature undergraduates  
430 postgraduates

For mature students  
(aged 21 and over)

#### Admissions Tutor

Dr Michael J Franklin

#### Senior Tutor

Dr Philip S Johnston

#### Open days 2012

See the College website for information and booking

#### All subjects

7 July (excluding Graduate Course in Medicine)

See also Cambridge

Open Days p147

#### Location

Map reference 11

Wollaston Road  
Cambridge CB1 2EW

01223 334897

admissions@  
hughes.cam.ac.uk

www.hughes.cam.ac.uk

UCAS campus code  
**J**

**Courses available**  
All courses

**Student numbers**  
496 undergraduates  
310 postgraduates

**Admissions Tutors**  
Dr Steve Hladky (*Sciences*)  
Dr Brechtje Post (*Arts*)

**Senior Tutor**  
Dr Stephen Siklos

**Open days 2012**  
See the College website for information and booking

**All subjects**  
27 June

**Mathematics**  
12 May

See also Cambridge  
Open Days p147

**Location**  
Map reference 12

Jesus Lane  
Cambridge CB5 8BL

01223 339455  
undergraduate-  
admissions@  
jesus.cam.ac.uk  
www.jesus.cam.ac.uk

# Jesus College

Our students say the best things about Jesus College are the great accommodation, the fantastic grounds, the good social mix and the relaxed atmosphere.



College grounds

We say the best things about Jesus students are their diversity, their strong sense of community and their capacity for hard work.

We admit about 145 undergraduates a year, across all subjects studied at the University, with roughly equal numbers of arts and sciences students. We welcome applicants from all types of school and background – all are considered for admission as individuals on their own academic merits.

Undergraduates are accommodated either in the main College building or in 'external staircases' (College houses just across the road), so all Jesus students live within a stone's throw from the

Porters' Lodge. The mix of rooms enables individual needs and preferences to be catered for. The College grounds are exceptionally spacious, situated in a tranquil setting away from the main tourist routes but only five minutes' walk from the city centre. Unusually for a Cambridge College, our playing fields are all on the main site.

Our students are encouraged to excel in all walks of life and this leads to a good mix of academic excellence with prowess in music, arts and sports. We're particularly proud of our award-winning Quincentenary Library which provides a superb working environment, our commitment to music of all sorts (for example, we have two Chapel choirs and a dedicated but rather dilapidated space for student bops), and our strong support for the visual arts, especially sculpture.

You're welcome to come and see the College either by attending an open day or making an informal visit. Further details about College life, subject information, staff, open days and a virtual tour can be found on our website.

# King's College

King's has a long history of intellectual, artistic and social innovation. We were among the first of the historically male Colleges to admit women, and we have played a leading role in attracting ethnic minorities and state-educated students to Cambridge.



Gibbs Building and Chapel

King's is a vibrant, diverse and tolerant community. The College actively encourages applications from continental Europe and overseas.

The College has a high ratio of teaching Fellows to undergraduates, and relations between members of the College are traditionally informal. Our academic standards are high, and we take intellectual life seriously. King's makes every effort to support students in their academic work, and their experience of living and enjoying themselves at university. The College offers good computer facilities and an excellent library, with many welcoming places to work.

King's stands in the centre of Cambridge, with its splendid grounds and buildings stretching to the River Cam and beyond. There's a wide choice of accommodation. Meals are offered in our cafeteria, but you take your tray into the grand College Hall. King's has a welcoming bar and a coffee shop. We offer sports facilities, punts and kayaks, music practice rooms, a dark room, clubs and societies, student-run club nights and an Art Centre offering classes. Our students are well represented on College committees, and fully engaged in the College's rich intellectual and social life.

King's is renowned for its music and Chapel. In addition to our celebrated male-voice choir, there's King's Voices (a mixed choir), a student orchestra and musical society, and countless other groups for different tastes and styles. The College bar also has popular open-mic nights.

At King's, students from any background can fulfil their personal and intellectual potential. We admit strictly on academic promise, and welcome applicants from any type of school or region of the world.

UCAS campus code  
**K**

**Courses available**  
All courses except  
Education, Land Economy  
and Veterinary Medicine

**Student numbers**  
430 undergraduates  
280 postgraduates

**Admissions Tutor**  
Dr Stefan H Uhlig

**Senior Tutor**  
Professor Robin Osborne

**Open days 2012**  
See the College website for information and booking

**All subjects**  
18 September

**Arts**  
6 July

**Sciences**  
5 July

**Mathematics**  
28 April

See also Cambridge  
Open Days p147

**Location**  
Map reference 13

King's Parade  
Cambridge CB2 1ST

01223 331255  
undergraduate-  
admissions@  
kings.cam.ac.uk  
www.kings.cam.ac.uk



Graduation day



Studying in the library

““

*There's a family atmosphere which extends beyond your three or four years here: 'Once a Jesuan, always a Jesuan.'*

Alice

““

*What struck me when I arrived was how very normal everyone is. But at King's there's also a sense that being 'different' (be it in terms of interests, race, sexuality or politics) is something to be respected.*

Rachel



Studying in the library



Reading outside

UCAS campus code  
**L**

#### Courses available

All courses

#### Student numbers

152 mature undergraduates  
190 postgraduates

For mature female students  
(aged 21 and over)

#### Admissions Tutor

Dr Maria Purves

#### Senior Tutor

Dr Stephanie Ellington

#### Open days 2012

See the College website for  
information and booking

#### All subjects

5 July

See also Cambridge  
Open Days p147

#### Location

Map reference 14

Lady Margaret Road  
Cambridge CB3 0BU

☎ 01223 330280

✉ [lcc-admissions@lists.cam.ac.uk](mailto:lcc-admissions@lists.cam.ac.uk)

🌐 [www.lucy-cav.cam.ac.uk](http://www.lucy-cav.cam.ac.uk)

# Lucy Cavendish College

Lucy Cavendish College attracts outstanding women of all ages from every walk of life and gives them the opportunity to take full advantage of everything the University has to offer.



A welcoming and diverse student community

Lucy Cavendish's student community is made up of highly successful women wanting a change of professional direction; women who always wanted to study their subject but have not until now found the time; and school-leavers who have taken a short time out before applying to university.

All want the challenge of studying for a Cambridge degree at this attractive and welcoming College. Reflecting the diversity of their lives, Lucy Cavendish students come with A Levels, Open University and Access qualifications or overseas equivalents, as well as previous university experience.

As one of the three Colleges admitting students for the Graduate Course in Medicine, Lucy Cavendish has strong

in-house provision for teaching in Medicine and Veterinary Medicine.

There's regular contact between Fellows and students at College lectures and workshops, and over lunch and dinner. Formal halls attract large numbers of guests (female and male!) including visitors from other Colleges and University societies. Students play sport at College and University levels, and sing with Fellows in the College choir.

The beautiful College site, close to the city centre, includes a large library, a well-equipped gym, a music and meditation pavilion, a conservatory bar, and tranquil gardens. Student rooms are either en suite or sets sharing a bathroom, and all have access to good self-catering facilities. Some are suitable for students with mobility difficulties and a number of well-appointed graduate rooms and accommodation suitable for couples are available off-campus.

If you'll be 21 or over at the start of your degree and are thinking of applying to Cambridge, please contact our Admissions Officer who'll be happy to answer your questions and discuss your plans.

# Magdalene College

Magdalene College has the advantage of an attractive and convenient location, on the banks of the River Cam, less than five minutes' walk from the city centre.



River Court

With buildings that are both beautiful and welcoming, libraries providing everything from first-year textbooks to medieval manuscripts, committed teaching staff and a vibrant community, Magdalene College is a perfect environment in which to live and study.

Magdalene typically admits around 105 undergraduates a year and encourages applicants from all educational and social backgrounds. Every applicant is assessed on his or her own merits and we take into account both potential and track record. At Magdalene, we want our students to fulfil every ounce of their potential and our Directors of Studies are on hand to help you achieve at the highest level.

If you come to study here, you'll receive a warm welcome as soon as you arrive in Magdalene: there are plenty of activities in the first week and beyond to help you settle in, meet new people and feel at home.

We're able to accommodate all our students, and a good choice and mix of housing is available; from the formality of First Court, through to the Magdalene village (ranging from medieval study bedrooms to modern sets) and Cripps Court, with its handsome garden and en suite rooms.

College tradition is maintained with candlelit dinners in the Hall, though many students also use the informal cafeteria and cooking facilities in the numerous staircase kitchens.

At Magdalene, we believe in an appropriate balance of hard work and recreation. There are excellent facilities for sports, drama, music and many other activities; and there's a huge variety of clubs and societies organised by our undergraduates.

Why not take a look at our website and download the Magdalene prospectus?

UCAS campus code  
**M**

#### Courses available

All courses

#### Student numbers

334 undergraduates  
203 postgraduates

#### Admissions Tutors

Dr Stuart Martin  
(Post-offer)  
Ms Silke Mentchen  
(Recruitment)  
Dr Richard Roebuck  
(Post-application)

#### Senior Tutor

Dr Stuart Martin

#### Open days 2012

See the College website for  
information and booking

#### All subjects

4 July (afternoon),  
5 July, 6 July

#### Mathematics

28 April

See also Cambridge  
Open Days p147

#### Location

Map reference 15

Magdalene Street  
Cambridge CB3 0AG

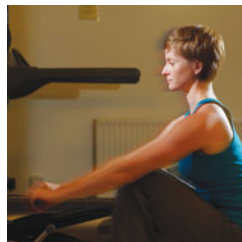
☎ 01223 332135

✉ [admissions@magd.cam.ac.uk](mailto:admissions@magd.cam.ac.uk)

🌐 [www.magd.cam.ac.uk](http://www.magd.cam.ac.uk)



Resources for study



Facilities for recreation

“““

*Lucy inspires women from all walks of life to achieve the things they never thought possible – this is the catalyst for a unique atmosphere where the opportunities are vast, the support exceptional and the community spirit unrivalled.*

Nina

“““

*All the students appreciate Magdalene's close-knit, diverse and friendly community. The College has the work-life balance spot-on and offers me everything I want both academically and recreationally. Formal hall seven days a week is also a definite positive.*

Paul



A supervision in the Monks' Room



Pepys Building

UCAS campus code

O

**Courses available**

All courses except Philosophy

**Student numbers**360 undergraduates  
100 postgraduates**For female students****Admissions Tutor**

Dr Hilarie Bateman

**Senior Tutor**

Dr David Jarvis

**Open days 2012**

See the College website for information and booking

**All subjects**

5 July, 12 September

**Mathematics**

28 April

See also Cambridge

Open Days p147

**Location**

Map reference 16

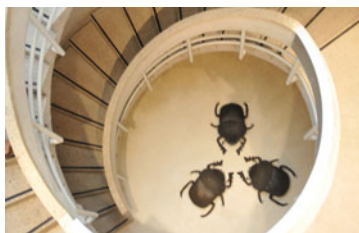
Huntingdon Road  
Cambridge CB3 0DF

01223 762229

admissions@  
murrayedwards.  
cam.ac.ukwww.murrayedwards.  
cam.ac.uk

# Murray Edwards College

Murray Edwards College is welcoming and ambitious, providing forward-looking opportunities for outstanding young women.



Our contemporary environment

Architecturally light and modern, the College is set within informal gardens a short walk from central Cambridge and close to the departments of Mathematics, Physics and Veterinary Medicine.

We understand that you'll be looking to achieve your best academically, while enjoying an active social life and preparing for the rewarding career of your choice.

**Academically**

We offer a positive and creative atmosphere with a stunning library and supportive tutors. In addition, you can enhance your strengths by selecting activities from our unique interdisciplinary academic development programme. Designed with the help of current students, the programme offers insights and challenges to inspire and stretch you.

**Professionally**

Your future is important. We offer the opportunity to explore your career interests with specialist consultants and through an expanding range of College-negotiated and supported internship opportunities.

**Socially**

Ours is a diverse and open-minded community. We enjoy good food, including a popular salad bar and Saturday brunch. The atmosphere is informal: your friends (male and female) are welcome at any time, with many parties and 'ents', often jointly organised with neighbouring Colleges. We also have a gym, tennis and squash courts and a thriving boat club.

**What does it mean to be a women's College today?**

Much has changed since the College was founded as New Hall in 1954, but the individuality of our first students remains central. Recent students have described the College as 'quirky', 'liberal' and 'innovative' but most of all it remains what the women who choose to come here make it. Students who visit often tell us that the College has a special character: come and see for yourself.



Our distinctive skyline



Our student community

“““

*The College feels ambitious, full of energy and at the same time friendly and welcoming. Murray Edwards encourages you to grow as a person, both intellectually and emotionally.*

Diana

# Newnham College

'Newnham encourages its students to be independent; I've become involved in activities outside College and have made friends all over the University and outside it.'

Katie



Sidgwick Hall

'It's a most beautiful, down-to-earth and supportive College – I've loved the first year.' Sophia

'We have a room ballot system that's organised so that it's fair for everyone. We all pay the same rate for Newnham rooms, and they tend to get better the longer you're here. This year I have a beautiful room with an original fireplace, two windows and a chaise longue, and it isn't even one of the top rooms!' Kirsty

'I was attracted to Newnham by the gardens, which have a lovely country-house feel without being too formal (and you can walk on the grass!); and the location of the College, right next to the Sidgwick Site, is just far enough out to avoid the tourists, but only a five minute walk into town.' KT

“““

*There's no snobbery – everyone's from different backgrounds with different interests but everyone's up for getting involved in lots of activities. You feel as though people don't judge you in any way.*

Jenny

'I really love Newnham's library: it's beautiful, really well stocked (with over 90,000 books) and is a fantastic study space.' Agalya

'Newnham girls have the option to cook every meal, go to the Buttery for every meal, or to do a bit of both – it's up to us.' Kirsty

We offer a new cafeteria with a great range of foods, sofa area and wi-fi access; a performing arts building set up for music recitals, theatre productions and rehearsals; an art room and a dark room; and a gym, on-site sports field and tennis courts.

Newnham's alumnae network is very strong, and students are encouraged to make connections with 'Newnhamites' present, past and – eventually – future: whether for socialising or careers advice and work placements.

To find out more about Newnham, you're very welcome to get in touch with the Admissions Office – we'll be happy to hear from you!



College Boat Club



A Newnham supervision

UCAS campus code

N

**Courses available**

All courses except Education

**Student numbers**380 undergraduates  
230 postgraduates**For female students****Admissions Tutor**

Dr Sam Lucy

**Senior Tutor**

Dr Terri Apter

**Open days 2012**

See the College website for information and booking

**All subjects**

4 July, 15 September

**Sciences**

17 March

**Mathematics**

28 April

**Teachers' open day**

9 March

See also Cambridge

Open Days p147

**Location**

Map reference 17

Sidgwick Avenue  
Cambridge CB3 9DF

01223 335783

admissions@  
newn.cam.ac.uk

www.newn.cam.ac.uk



UCAS campus code

**P**

#### Courses available

All courses except Education and Geography

#### Student numbers

430 undergraduates  
250 postgraduates

#### Admissions Tutor

Dr Caroline Burt

#### Senior Tutor

Dr Mark Wormald

#### Open days 2012

See the College website for information and booking

#### All subjects

21 April, 5 July, 6 July,  
22 September

#### Land Economy and Music

12 May

#### Law

4 July

#### Mathematics

12 May

See also Cambridge

Open Days p147

#### Location

Map reference 18

Trumpington Street  
Cambridge CB2 1RF

☎ 01223 338154

✉ adm@pem.cam.ac.uk

🌐 www.pem.cam.ac.uk

# Pembroke College

Whichever College you come to, you'll attend the same lectures, take the same University examinations, and be awarded the same degree. That being so, why choose Pembroke?



Student accommodation

- Pembroke is one of the oldest Colleges, founded in 1347, with beautiful buildings (including a chapel built by Sir Christopher Wren) and a student accommodation block complete with gym, music rooms and an art room.
- It's in the centre of town, next to many of the science laboratories and less than 10 minutes' walk from most arts departments.
- The informal College gardens are some of the loveliest in Cambridge, but aren't on the main tourist route.
- The College admits about 130 undergraduates and 70 graduates each year, and has one of the highest ratios of teaching Fellows to students.
- Two rooms are equipped for wheelchair use.
- Pembroke is a friendly, no-nonsense place; relaxed, supportive and forward-looking.

Pembroke is proud of its academic achievements. We consider such success to be important, and do our best to make sure that our students enjoy the intellectual challenges they encounter. But we also ensure that those who come here have the opportunity to explore other interests if they wish to and we have flourishing societies for music, sport, drama and so on.

Pembroke is keen to attract the brightest and best students whatever their background. In our experience, students from different school and other backgrounds, both from the UK and overseas, are equally happy at Pembroke, and do equally well here. They share a deep interest in their subject and are focused on achieving their best academically.

The College Admissions Office is open to visitors without an appointment throughout the year, Monday to Friday during office hours (except Bank Holidays, Christmas and New Year).

# Peterhouse

The oldest of the undergraduate Colleges, Peterhouse is an exciting and friendly place to live. Centrally located, it's perfectly situated for student life in Cambridge – close to the main arts, engineering and science faculties, but just off the tourist trail.



Undergraduate accommodation

Peterhouse's size (we admit about 75 freshers a year) promotes plenty of individual attention for students. It is a supportive community where people quickly feel at home. Both lively and tolerant, Peterhouse welcomes students with wide-ranging backgrounds, interests and opinions. The only things all our students have in common are high academic ability, dedication to their subject, and a willingness to work hard.

The College can provide excellent accommodation in central Cambridge for all undergraduates, as well as great food eaten in a candlelit thirteenth-century Hall, the oldest in Cambridge. The College has

a wealth of facilities for study, sporting and social events. These include an excellent library, theatre, bar, computer room, gym, boathouse and sports grounds. The Deer Park provides a beautiful spacious garden where students can escape the hustle and bustle of city life to relax, meet friends, read or study.

Admitting students solely on the basis of academic achievement and potential, Peterhouse is committed to offering places to the most able, regardless of school or background. We encourage you to apply even if your school has little or no experience of the Cambridge system.

To find out more about Peterhouse, why not come to an open day and meet our students and Fellows? If you're unable to attend one of these, individual visits can usually be arranged. Our website provides comprehensive information and the Admissions Office is always happy to advise you, whether or not you have any prior knowledge of the Cambridge application process.

UCAS campus code

**U**

#### Courses available

All courses except Education; Geography; Human, Social, and Political Sciences; Land Economy; Psychological and Behavioural Sciences; and Veterinary Medicine

#### Student numbers

263 undergraduates  
161 postgraduates

#### Admissions Tutors

Dr Sophie Jackson (*Sciences*)  
Mr Scott Mandelbrote (*Arts*)  
Dr András Zsák (*Sciences*)

#### Senior Tutor

Dr Philip Pattenden

#### Open days 2012

See the College website for information and booking

#### All subjects

5 July, 6 July

#### Mathematics

28 April

See also Cambridge

Open Days p147

#### Location

Map reference 19

Trumpington Street  
Cambridge CB2 1RD

☎ 01223 338223

✉ admissions@pet.cam.ac.uk

🌐 www.pet.cam.ac.uk



Working in our study room



Enjoying the summer weather

““

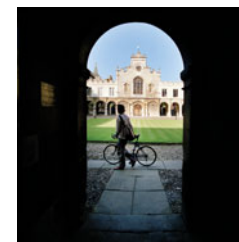
*One of the things that makes life at Pembroke special is that there's a genuine feeling of community within and across the years.*

Annasilvia

““

*Small in size but big in character, Peterhouse provides the kind of atmosphere and accommodation where you can't help but feel at home.*

Jessie



Old Court



The Ward Library

UCAS campus code  
**Q**

#### Courses available

All courses except the combination of Education with English and Drama

#### Student numbers

490 undergraduates  
350 postgraduates

#### Admissions Tutor

Dr Andrew Thompson

#### Senior Tutor

Dr James Kelly

#### Open days 2012

See the College website for information and booking

#### All subjects

5 July, 6 July

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

Map reference 20

Silver Street  
Cambridge CB3 9ET

☎ **01223 335540**  
@ **admissions@queens.cam.ac.uk**  
🌐 **www.queens.cam.ac.uk**

# Queens' College

Queens' is a large and exquisitely beautiful College, centrally located in the heart of the city. It has a mix of old and new buildings, ranging from the fifteenth-century Old Court to the twentieth-century Cripps Court.



A warm welcome

Queens' undergraduates are guaranteed accommodation on the main College site for three years, and all rooms enjoy high-speed internet access. The focus of social activity in the College is the JCR, which also ensures that the student voice is heard in matters affecting the College. Queens' provides superb facilities for theatre, music and dance. In addition, there are squash courts, a gym, a cinema and sports hall all situated within the College and the sports ground and boathouse are nearby.

The sole condition for admission to Queens' is academic potential. We especially welcome applicants from schools with no prior history of applications to the College and

will use our best endeavours to ensure that no applicant is prevented from studying here because of a disability or any social or financial consideration.

The utmost care is taken when selecting students. Applicants are interviewed sympathetically by highly experienced Fellows who promote opportunities for you to present your strengths.

There's a firm expectation at Queens' that every student will work hard to fulfil his or her academic potential. Everyone understands that achieving a place here confers that responsibility. Queens' offers a supportive, nurturing environment in which to flourish and be happy. Particular care is taken in helping students make the transition from school to university with a detailed programme of support for first-year students.

You're welcome to contact the Admissions Office directly, to visit the College website and to attend an open day to find out more. The College is also happy to arrange visits by Fellows and students to schools.

# Robinson College

Robinson prides itself on being an open and friendly community while maintaining the highest academic standards. Our location is excellent, close to many University departments and only a short walk from the city centre.



College buildings

- Our chefs' aim is to provide you with the best College meals in Cambridge, whether you eat in our informal cafeteria-style Garden Restaurant or at our optional twice-weekly formal dinners.
- The College is situated in beautiful tranquil gardens; an oasis of calm just a short distance from the hustle and bustle of the city centre. The University Library is just across the road and the arts faculties and the science, Veterinary Medicine, Mathematics and Computer Science departments at West Cambridge are all close by.
- Robinson College is an intellectually stimulating environment to live in. There are students on almost all Cambridge courses, and we have all the resources you'll need to make it easy for you to focus on your studies and pursue academic excellence.
- You'll be welcomed by a community of scholars that is bright, diverse and down-to-earth. There are certain to be other students here who share your interests and enthusiasms, whatever they are.
- Our accommodation is first-class. Your room will be comfortable and well equipped, and your bathroom will be either en suite or shared with typically one or two other students. We guarantee you College-managed accommodation for the duration of your original course.

Our key expectation is that you work hard to fulfil your academic potential.

Our open events in March, April, July and September are good times to visit us. We also welcome visits from individuals and school groups at other times. If you have any questions or wish to arrange a visit, contact Esme Page in the College Admissions Office.

UCAS campus code  
**R**

#### Courses available

All courses except History of Art and the combinations of Education with Classics, History, Music and Physical Sciences

#### Student numbers

386 undergraduates  
172 postgraduates

#### Admissions Tutor

Dr Chris Warner

#### Senior Tutor

Dr Bill Nolan

#### Open days 2012

See the College website for information and booking

#### All subjects

5 July, 6 July

#### Question and answer sessions

17 March, 28 September

#### Mathematics

28 April

See also Cambridge Open Days p147

#### Location

Map reference 21

Grange Road  
Cambridge CB3 9AN

☎ **01223 339143**  
@ **apply@robinson.cam.ac.uk**  
🌐 **www.robinson.cam.ac.uk**



The library



Degree day

“““

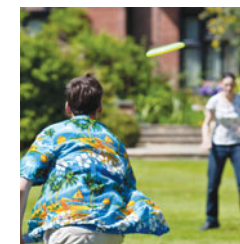
*Queens' is a really open College, and it's completely unpretentious. No-one knows or cares what school you went to, or whether you have three or thirteen A Levels.*

Jonathan

“““

*Almost all Robinson undergrads live in College or in one of the houses on the main site, which is great as it means we're often friends with people in different year groups.*

Anna



Time out to play



College supervision

UCAS campus code  
**S**

#### Courses available

All courses except  
Architecture, Education,  
History of Art and Linguistics

#### Student numbers

436 undergraduates  
220 postgraduates

#### Admissions Tutors

Dr David Bainbridge (*Arts*)  
Dr Philip Oliver (*Sciences*)

#### Senior Tutor

Dr Paul Hartle

#### Open days 2012

See the College website for  
information and booking

#### All subjects

21 April, 27 June, 4 July

#### Mathematics

28 April

See also Cambridge  
Open Days p147

#### Location

Map reference 22

Trumpington Street  
Cambridge CB2 1RL

01223 338319

undergraduate.  
admissions@caths.  
cam.ac.uk

www.caths.cam.ac.uk

# St Catharine's College

St Catharine's is a welcoming, medium-size College for men and women, situated right in the centre of town. A lively and diverse community, we have earned a reputation for friendliness.



Relaxing on the lawn

Founded in 1473, St Catharine's is an extremely supportive College, with a genuine sense of community spirit between undergraduate and graduate students and staff. We have recruited a dedicated and approachable team of teaching staff committed to helping our students realise their academic potential, as well as excellent pastoral support staff.

Our admissions decisions are based solely on applicants' academic ability – proven and potential – and we strongly encourage applications from the widest possible range of students, regardless of educational background. We interview the vast majority of applicants, and will do everything we can to put you at your ease and to make the admissions process as positive an experience as possible.

All students are accommodated for three (or often four) years – first- and third-year students live on the main site, while second-years live as a single community in an attractive setting still very near to the heart of the University.

The College offers excellent facilities for both academic study and extra-curricular activities. Our two libraries are among the best in Cambridge, there are well-maintained computing facilities, and all student rooms have high-speed internet access. The College has a small theatre and concert auditorium, while its sports facilities include extensive playing fields, squash, badminton and tennis courts, and an all-weather AstroTurf hockey pitch. We have an active choir, which records and tours regularly. We were also proud to be the first College to be awarded Fair Trade status.

Our Admissions Office is happy to receive enquiries and to arrange visits to St Catharine's for anyone who is considering making an application. Further detailed and up-to-date information can be found on our website.



Community spirit



Student accommodation

“““

*My time at Catz has left me with a wide circle of close friends in many different walks of life, and even after graduating College still feels as familiar and welcoming whenever I return.*

James

# St Edmund's College

St Edmund's has an international and multidisciplinary flavour. Half of our student body are from overseas with over 60 countries represented.



Main entrance

St Edmund's total of 490 students comprises 140 mature undergraduates (aged 21 or over), including affiliated students (who already have a degree from another university). Many students are second-time learners studying for a degree after a break from full-time education.

The College sits in six acres of parkland and is conveniently placed for the arts faculties, the West Cambridge Site, the Veterinary School, the University Library and the city centre. The College buildings currently house 218 single students (some en suite). All rooms are centrally heated and connected to the internet, and some are suitable for students with physical disabilities. Six maisonettes and seven

apartments are suitable for students with families. In addition, our library building includes a large reception/lecture room, a library, teaching rooms, a gym and music practice room.

Scholars and Fellows of St Edmund's form a single community with the student body led by a lively executive committee that runs the Combination Room with its bar, pool table and a host of social events. The College kitchen provides up to three meals a day as well as formal meals at least once a week during term time.

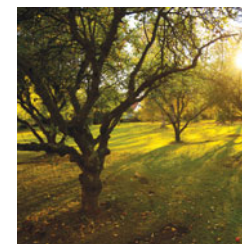
The numerous College clubs and societies include the choir and those for law, sports and music. Many College members participate in their field at University and national level.

The College Chapel reflects the Catholic heritage of the College and is open to other Christian bodies. It's also open to all members of the College as a place of quiet prayer and contemplation. The Von Hügel and Faraday Institutes enrich the life of the College in the areas of social justice and the interconnection of science and religion, respectively.

“““

*St Edmund's offers a supportive environment where Fellows, staff and students work together to make it an enjoyable place to study and socialise. The collective community spirit makes for a welcoming and enriching environment.*

Stephen



Orchard in the College grounds



Student accommodation

UCAS campus code  
**I**

#### Courses available

All courses

#### Student numbers

140 mature undergraduates  
350 postgraduates

#### For mature students

(aged 21 and over)

#### Admissions Tutor

Dr Michael Robson

#### Senior Tutor

Dr Judith Bunbury

#### Open days 2012

See the College website for  
information and booking

#### All subjects

7 July

See also Cambridge  
Open Days p147

#### Location

Map reference 23

Mount Pleasant  
Cambridge CB3 0BN

01223 336086

admissions@  
st-edmunds.cam.ac.uk

www.st-  
edmunds.cam.ac.uk

UCAS campus code  
**X**

**Courses available**  
All courses

**Student numbers**  
576 undergraduates  
390 postgraduates

**Admissions Tutor**  
Dr Helen Watson

**Senior Tutor**  
Dr Matthias Dörrzapf

**Open days 2012**  
See the College website for information and booking

**All subjects**  
27 June, 5 July, 6 July

**Mathematics**  
28 April

See also Cambridge  
Open Days p147

**Location**  
Map reference 24

St John's Street  
Cambridge CB2 1TP

☎ **01223 338703**

@ **admissions@joh.cam.ac.uk**

🌐 **www.joh.cam.ac.uk**

# St John's College

St John's offers a beautiful and stimulating environment with a friendly and diverse community, and five centuries of academic excellence and tradition.



College courts

The atmosphere at St John's is lively, challenging and inspiring. We're committed to providing a world-class education in an exciting multicultural environment where you'll thrive, realise your potential and even exceed your own expectations.

The central location of our riverside grounds and historic buildings also provides easy access to University facilities. At St John's, we accommodate all our undergraduates on-site, promoting a strong sense of collegiate identity. The many student-run clubs and societies provide a great way to meet people and get involved in College life; whether you want to watch a film, discuss politics, make music, dance, play football or take a College punt on the river.

One of the most important experiences we can offer is participation in a community that achieves distinction at the highest level. Whether at a concert, in the library, or in conversation over dinner, you'll be immersed in a world where the exchange of ideas is enthusiastic, unpretentious and motivating.

'Before I came I wasn't sure I'd fit in. However, no-one really cares where you come from and everyone at John's is lovely.' Aurora

'The large number of facilities including the Buttery, cinema, amazing library, and the close proximity to the playing fields encouraged me to apply as it seemed that John's had it all – turned out to be true when I arrived.' Toby

'I've thoroughly enjoyed my first year, there's always something going on around College.' Sameena

Dr Helen Watson, the Admissions Tutor, and the Admissions and Access Team are happy to offer advice to individuals and schools. See our website for information about events, open days and contact details. Please come and see for yourself.

# Selwyn College

Selwyn College provides an environment in which students can excel academically and achieve their full potential while at the same time enjoying student life to the full.



Old Court

The Fellows of Selwyn College are committed teachers who take a strong interest in the academic progress of their students and provide an exceptionally supportive environment. The College is noted for its high standards, strong sense of community and the lively participation of its students in university life.

The College occupies a spacious site just a few minutes' walk from the city centre. All students are housed on this site for the three or four years of their undergraduate course, and having everyone together contributes to the sense of community. Selwyn's buildings are set in beautiful gardens creating a sense of seclusion and scholarly calm which is a welcome respite from the busy city.

Selwyn is adjacent to the Sidgwick Site, which houses most of the arts faculties, and is also close to the West Cambridge Site where several of the large science departments are located. None of the other University departments are more than a few minutes away.

Selwyn students are enthusiastic supporters of College and University clubs and societies. Recently, College sports teams have been notably successful, and Selwyn enjoys a strong reputation in both drama and music, as well as having an excellent Chapel choir. The social life within the College is busy and varied, ranging from the ever-popular 'formal halls' (a served sit-down dinner), music sessions in the College bar, to video nights.

Selwyn seeks to admit the very best students, regardless of background, on the basis of academic excellence and potential to thrive on our demanding courses. We invite you to visit our website to find out more, or visit us in person on one of our open days.

UCAS campus code  
**V**

**Courses available**  
All courses

**Student numbers**  
400 undergraduates  
200 postgraduates

**Admissions Tutors**  
Dr James Keeler (Sciences)  
Dr Mike Sewell (Arts)

**Senior Tutor**  
Dr James Keeler

**Open days 2012**  
See the College website for information and booking

**All subjects**  
5 July, 6 July,  
22 September (afternoon)

**Mathematics**  
12 May

See also Cambridge  
Open Days p147

**Location**  
Map reference 25

Grange Road  
Cambridge CB3 9DQ

☎ **01223 335896**

@ **admissions@sel.cam.ac.uk**

🌐 **www.sel.cam.ac.uk**



The Old Library



The Great Gate

“”

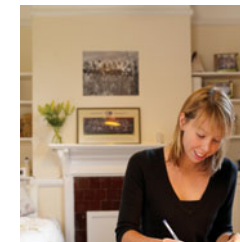
*Coming to university for the first time is a scary experience, but the College understands this and does its best to make new students feel at home as quickly as possible.*

Natalie

“”

*Being at Selwyn has given me confidence in my abilities, courage to pursue new opportunities and last but not least lifelong friendships. It's without a doubt the place to be for individuals who want to both enjoy life and excel.*

Fran



Study bedroom in Old Court



Ann's Court

UCAS campus code  
**3**

**Courses available**  
All courses except Education

**Student numbers**  
380 undergraduates  
180 postgraduates

**Admissions Director**  
Dr Kirsten Dickers

**Senior Tutor**  
Mr Massimo Beber

**Open days 2012**  
See the College website for information and booking

**All subjects**  
4 April, 4 July, 5 July,  
12 September, 13 September

**Mathematics**  
12 May  
See also Cambridge  
Open Days p147

**Location**  
Map reference 26

Sidney Street  
Cambridge CB2 3HU

☎ **01223 338872**  
✉ **admissions@sid.cam.ac.uk**  
🌐 **www.sid.cam.ac.uk**

# Sidney Sussex College

Founded in 1596, Sidney Sussex College is a diverse, inclusive and forward-looking community set among elegant buildings and tranquil gardens in the heart of Cambridge.



Chapel Court

Sidney Sussex's small size (around 105 students in each year) fosters genuine inclusion. There's no such thing as a typical Sidney student, and undergraduates come from every kind of background and from all over the world. We encourage applicants from all school types – admission is based solely upon academic merit and potential.

We're committed to providing all the support you need to achieve your full potential, and most of our Fellows are directly involved in teaching and supervising undergraduates. We also provide a well-stocked library with 24-hour access, and a range of study skills support sessions.

First-year students are accommodated either on our main site or in nearby

Cromwell Court. In other years, they may choose to live on-site or in a College-owned house. Rooms range from traditional study and bedroom 'sets' to modern en suites, and all have internet points and access to kitchen facilities. Meals are also available in our beautiful eighteenth-century Hall. Sidney is well known for the quality of its food, and our candlelit formal halls are always popular.

Being at Sidney Sussex isn't only about studying – students manage to combine academic achievement with busy social lives. Our sports facilities (including a new gym) see enthusiastic use, and there are College teams for all major sports. Music and drama are also well supported, with regular plays, concerts and recitals. The choir has made critically-acclaimed recordings, and tours regularly in the UK and overseas.

One of the College's greatest assets is its strong community spirit, with a friendly and supportive relationship between students, Fellows and College staff. The best way to experience this is by visiting us yourself: to arrange a visit, please contact the Admissions Office.

# Trinity College

Trinity College was founded by Henry VIII in 1546. With 695 undergraduates and almost 400 graduates, many from overseas, it's the largest and most cosmopolitan of the Cambridge Colleges.



Great Court

The main entrance to Trinity College is at the Great Gate on Trinity Street in the heart of the city. The courts and buildings beyond the Great Gate date mostly from the sixteenth and seventeenth centuries and are among the most beautiful in Cambridge. They include the famous library, designed by Sir Christopher Wren, which backs onto the River Cam.

Undergraduates are able to live in College throughout the full length of their course, and all rooms have internet connections. Meals can be taken in the dining hall but provision is made for students who wish to cook for themselves.

There's a large student centre with common rooms and a bar, the Students' Union organises a variety of social events, and the College has its own facilities for many sports. The working library contains more than 80,000 volumes and holds copies of essential books recommended for use on University courses.

Trinity has a long tradition of academic excellence and much is expected of those admitted to the College. However, Trinity welcomes all those who have the ability and will to succeed, whatever their background. Although world renowned for its excellence in the sciences and mathematics, Trinity also has a most impressive, if less widely publicised, record of endeavour in the arts.

You can learn more about Trinity by booking a place on an open day, or just by visiting the College informally to have a look round. The website contains comprehensive information and the Admissions Office is happy to deal with further enquiries.

UCAS campus code  
**T**

**Courses available**  
All courses except Education, Psychological and Behavioural Sciences, and Veterinary Medicine

**Student numbers**  
695 undergraduates  
397 postgraduates

**Admissions Tutor**  
Dr Paul Wingfield

**Senior Tutor**  
Professor Grae Worster

**Open days 2012**  
See the College website for information and booking

**Arts**  
25 June

**Sciences**  
26 June

**Mathematics**  
28 April

See also Cambridge  
Open Days p147

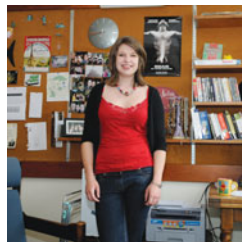
**Location**  
Map reference 27

Trinity Street  
Cambridge CB2 1TQ

☎ **01223 338422**  
✉ **admissions@trin.cam.ac.uk**  
🌐 **www.trin.cam.ac.uk**



Leaving for a lecture



A first year room in College

““

*Sidney is a down-to-earth community of interesting and talented people. You'll make friends here in seconds and keep them for life. I wouldn't want to be anywhere else.*

Adam

““

*The best thing about life at Trinity is the way it gives students from a huge range of backgrounds one common identity.*

Julie



The Great Court Run



Nevile's Court

UCAS campus code  
**4**

#### Courses available

All courses, although Education is only available with Classics

#### Student numbers

369 undergraduates  
270 postgraduates

#### Admissions Tutors

Dr Clare Jackson (*Arts*)  
Dr Andrew Murray (*Sciences*)

#### Senior Tutor

Dr Nick Bampos

#### Open days 2012

See the College website for information and booking

#### All subjects

21 September

#### Arts

20 March

#### Sciences

19 March

#### Law

21 March

#### Mathematics

12 May

See also Cambridge Open Days p147

#### Location

Map reference 28

Trinity Lane  
Cambridge CB2 1TJ

☎ 01223 332535

@ admissions@  
trinhall.cam.ac.uk

🌐 www.trinhall.cam.ac.uk

## Trinity Hall

The first thing you'll notice about Trinity Hall is its vibrant community atmosphere. There's a sense of vitality and youth among its members, making it a fun and informal place to live and study.



Buttercups on Latham Lawn

Take a walk from one end of Trinity Hall to the other and you're bound to meet a friendly face along the way, whether it's a smiling Porter at the front desk, a group of students sitting on the lawn, or a Fellow on their way to give a lecture.

Trinity Hall is ideally situated for student life in Cambridge, located within easy walking distance of lecture halls, labs, libraries, clubs, pubs and shops. The College library and picturesque gardens back onto the river, making a relaxed environment in which to work and unwind. The student bar and common room provide a sleek and modern setting in which to grab a drink and catch up with friends, play pool or watch TV.

Accommodation is available for all undergraduates and varies between atmospheric buildings steeped in history to contemporary housing with en suite facilities.

As well as maintaining a tradition of academic excellence, our students make significant contributions to College and University life through numerous clubs, societies and sports. Trinity Hall students have the use of a free gym, squash courts, tennis courts, playing fields, boathouse and a music room with piano and drum kit.

More than just a collection of beautiful buildings, Trinity Hall is a dynamic community of people from all over the world. We encourage applications from all school types, particularly those with little or no tradition of applying to Cambridge. To find out more about Trinity Hall, please visit our website or attend one of our open days. Our Admissions Officer is always happy to answer any queries you might have.

## Wolfson College

Wolfson is one of the most cosmopolitan Colleges in Cambridge, with typically 700 mature undergraduate and graduate student members.



College library

We welcome mature undergraduates (21 and over) and accept a large number of affiliate students with a previous university degree. In addition, Wolfson is one of three Colleges that admit students for the Graduate Course in Medicine.

The College has a lively, friendly atmosphere and an international character. College life is enriched by overseas students from over 70 countries, comprising half of the student population. A wide range of subject specialisms is represented among both Fellows and students. The breadth of membership is further extended by senior academic visitors from abroad and by people from journalism, industry and the public services who come to Wolfson for periods of research and study.

The relationship between senior and junior members is informal, with common rooms, social activities and facilities equally open to both. We offer a well-equipped gym and a variety of sports clubs and social societies, including aerobics, rowing and salsa dancing. Spouses and partners of students are welcome to participate in College life.

Wolfson accommodates all undergraduate students who want to live in College. The main College buildings were built in the 1970s around attractive garden courts. All rooms have central heating, telephone and computer sockets, and access to well-equipped kitchens for self-catering. Most rooms are single study bedrooms with either shared or en suite facilities. There's also some accommodation for couples and five family flats.

The College is situated in West Cambridge, close to the University Library and the arts faculties. Most other University departments and the city centre are 10 minutes away by bicycle. We have a spacious library and two computer rooms allowing access to the University network.

UCAS campus code  
**W**

#### Courses available

All courses except Mathematics (although applications are accepted for the Part III Mathematics course)

#### Student numbers

145 mature undergraduates  
503 postgraduates

For mature students  
(aged 21 or over)

#### Admissions Tutors

Dr Michael Hrebeniak (*Arts*)  
Dr Lesley MacVinish (*Sciences*)

#### Senior Tutor

Dr Jane McLarty

#### Open days 2012

See the College website for information and booking

#### All subjects

5 July, 6 July

See also Cambridge Open Days p147

#### Location

Map reference 29

Barton Road  
Cambridge CB3 9BB

☎ 01223 335918

@ ugadministrator@  
wolfson.cam.ac.uk

🌐 www.wolfson.cam.ac.uk



Time out to relax



College library

““

*The best bit about College? Standing in the middle of Front Court for hours chatting to whoever comes through – there's always a friendly face!*

Madeleine

““

*The unique thing about Wolfson is not only that you work with people from different academic backgrounds and levels, but also people from all over the world.*

James



Graduation day



Wolfson students



# Applying to Cambridge

So far, we've outlined what the University has to offer and the courses that are available, and introduced the Colleges. If you want to apply to Cambridge, this section guides you through the process.

## EASY AS 1, 2, 3

At Cambridge (as at Oxford), the process of applying starts earlier to allow time for interviews to be organised. However, the process is otherwise much the same as that for other universities and is summarised below.

### 1

#### Research

**Consider a course** – you're going to be studying the subject to a very high level for several years so make sure you choose a course you're passionate about and will really enjoy!

- See p32-105

**Think about a College** (or an open application) – where would you like to live when you're here?

- See p106-37

**Come along to an open day to see for yourself** – there are University, College and department open days throughout the year.

- www.cam.ac.uk/opendays/

### 2

#### Apply

**Submit your UCAS application online by 15 October**<sup>1</sup> – once submitted, you can follow its progress through UCAS 'Track'.

- Our institution code is CAM C05
- www.ucas.com

**You'll also need to submit an additional application if you're:**

- attending school/college outside the EU (see p141)
- applying for the Graduate Course in Medicine (see p79)
- applying for an Organ Scholarship (see p146)

**Submit your Supplementary Application Questionnaire (SAQ)** – a few extra questions that request information not included in your UCAS application but which we find useful.

- www.cam.ac.uk/apply/

### 3

#### Selection

**Submit school/college essay(s) or sit admissions tests, as required.**

- www.cam.ac.uk/study/undergraduate/tests/

**Attend an interview** – we invite everyone with a realistic chance of being offered a place for an interview. That's over 80 per cent of applicants each year.

- www.cam.ac.uk/interviews/

**We'll then advise you of our decision and of any offer.**

- See p140

<sup>1</sup> Other application deadlines apply for those wishing to be interviewed in particular overseas countries (see p31), and for some mature applicants (see p29).



College grounds



Relaxing on Jesus Green

### Information used to assess applications

If your examination record and predictions are good, then your chance of being admitted is approximately one in five<sup>1</sup>.

While your grades are very important, the following are also important elements of your application:

- your school reference
- any written work that you submit (or do at interview)
- your performance in any tests that you're required to take
- your personal statement
- your performance at interview

Further information  
[www.cam.ac.uk/apply/](http://www.cam.ac.uk/apply/)

### OUR DECISION

Following the assessment of each application, there are three possible outcomes.

1

#### You're made an offer

This may be an unconditional offer, or a conditional offer that's dependent on achieving certain grades in the qualifications you're taking.

If you're offered a place, you'll be informed by the College and through UCAS – you must reply, observing UCAS requirements and deadlines.

2

#### Your application is 'pooled'

Although impressed by your application, your College may not have a place for you or may want to look at other applicants before confirming their last offers. Your application may be put in the 'winter pool' (see opposite) for other Colleges to consider and you could be:

- asked to attend another interview in early January
- offered a place without a further interview

If no College is able to offer you a place, the College you applied to/were allocated to will contact you, normally by the end of January.

3

#### Your application is unsuccessful

With around five applications per place, every year we have to turn down many students whom we would like to have taken. If your application isn't successful, disappointing though this is, we hope you'll have found the process a useful experience and valuable preparation for your other university choices.

Don't let the prospect of not getting a place put you off applying. We can't offer you a place if you don't apply to us!

### THE POOL

The 'winter pool' is designed to ensure that the best applicants who have been squeezed out by the competition at their original College are offered places – Colleges would rather admit a strong applicant from the pool than a weaker applicant who applied directly/was allocated to them.

Around one in five applicants is pooled, and, of these, around one in four receives an offer of a place from a College other than the one they applied/were allocated to (788 for 2011 entry).

In a few cases, offer holders who haven't quite met the conditions of their original offer may still be offered a place following a small 'summer pool'.

### Clearing and the adjustment period

The University of Cambridge doesn't enter Clearing nor are places available in the August adjustment period. If your examination results are much better than expected and you wish to try for a place at Cambridge, you'll need to apply in the following year's admissions round.

15

October is the deadline for most applicants<sup>2</sup>.



College court

### Extenuating circumstances

If your education has been significantly disrupted or disadvantaged through health or personal problems, disability or difficulties with schooling, your school/college referee should complete the Extenuating Circumstances Form.

The information provided on the form gives context against which Admissions Tutors can consider your academic record and, if appropriate, your performance at interview.

The sort of extenuating circumstances that this form should be used to advise us of include:

- serious, acute or chronic illness which has led to significant educational disruption
- significant caring responsibilities, or recent bereavement or serious illness within close family
- significant disruption to educational provision at school/college

If other circumstances have caused significant educational disruption and/or you or your referee wish to discuss your particular situation, please contact a College admissions office for advice as early as possible.

You should apply in the normal way and your school/college referee (or your doctor or social worker, if appropriate) should complete and submit the Extenuating Circumstances Form (available online) by 15 October 2012.

Further information  
[www.cam.ac.uk/apply/](http://www.cam.ac.uk/apply/)

### Applying from outside the EU

If you'll be attending school/college outside the EU at the time of your application, in addition to your online UCAS application you'll need to submit a Cambridge Online Preliminary Application (COPA)<sup>3</sup>.

If you'll be attending school/college within the EU at the time of your application (even if you live outside the EU), you don't need to submit a COPA.

For most students, the deadline for receipt of their UCAS application and COPA is 15 October 2012. However, if you'd like to be considered for interview overseas, earlier deadlines may apply (see p31).

Further information  
[www.cam.ac.uk/study/undergraduate/international/](http://www.cam.ac.uk/study/undergraduate/international/)

<sup>1</sup> Of the 15,753 applications made in October 2010 for entry in October 2011 (or deferred entry in October 2012), 3,429 students were accepted.

<sup>2</sup> Other application deadlines apply for those wishing to be interviewed in particular overseas countries (see p31), and for some mature applicants (see p29). <sup>3</sup> There's an overseas application fee associated with the COPA, as well as an interview fee for those interviewed overseas. See the website for more information.



## FREQUENTLY-ASKED QUESTIONS

### CAN I TAKE A GAP YEAR?

About one in 10 students coming to Cambridge takes a gap year. You should state your intention to defer entry on your UCAS application and be prepared to talk about your proposed year out at interview.

Please also refer to the specific course pages if you're considering applying for Mathematics (p75), Engineering (p54) or the Graduate Course in Medicine (p79).

### I GO TO A STATE/PRIVATE SCHOOL – WILL THIS DISADVANTAGE MY APPLICATION?

No. The University and its Colleges are committed to offering admission to students of the highest intellectual ability and potential, regardless of background. We don't discriminate for or against applicants because of the type of school they attend. You can find our Admissions Policy online at: [www.cam.ac.uk/admissionspolicy/](http://www.cam.ac.uk/admissionspolicy/).

### WHAT'S THE UNIVERSITY'S POSITION ON EXAM RESITS?

We appreciate that even very capable students may have 'bad days' when an exam doesn't go quite to plan. Your application is unlikely to be adversely affected by resitting one or two modules. However, there would be concern if you need to resit numerous exams, particularly where only a marginal improvement is achieved.

### WHAT WORK EXPERIENCE DO I NEED TO HAVE?

Work experience isn't expected or required. However, for vocational courses, such as Medicine and Veterinary Medicine, having some relevant work experience is useful. It demonstrates commitment to your intended career and gives you the opportunity to acquire greater understanding of the realities and pressures associated with that career.

### WHAT EXTRA-CURRICULAR ACTIVITIES WILL HELP MY CHANCES OF ADMISSION?

As our admissions decisions are based on academic criteria (ability and potential), your participation (or not) in specific extra-curricular activities isn't taken into account (unless it's relevant to the course you're applying for) and doesn't affect your chances of being made an offer of a place at Cambridge.

However, you should consider the importance that your other university choices may place on extra-curricular activities when composing your personal statement.

### WHEN ARE THE 2013–14 UNIVERSITY TERM DATES?

- Tuesday 8 October – Friday 6 December (Michaelmas Term)
- Tuesday 14 January – Friday 14 March (Lent Term)
- Tuesday 22 April – Friday 13 June (Easter Term)

All students must ordinarily be available to study in Cambridge for the full duration of their course (with the exception of a year abroad where part of the course).

# Entrance Requirements

Before applying, you need to check that you have, or are likely to achieve, the right grades at the right level and in the right subjects for the course you've chosen.

### Course requirements

For many Cambridge courses qualifications in certain subjects are required and all Colleges expect such subjects to be passed, normally with an A or A\* grade at A Level/grade 6 or 7 at Higher Level of the IB (or equivalent). Our other courses don't have particular subject requirements, although you should have read enough about the course to know what studying it entails.

When assessing our applicants we consider not only the individual A Level/IB Higher Level (or equivalent) subjects being offered but also the combination of these. We generally prefer applicants to have taken certain subjects or subject combinations because they provide a more effective preparation for study at Cambridge.

Subject requirements and preferences are given in each course entry (p34–105) and are defined as follows:

- **Essential** – subjects required by all Colleges
- **Highly desirable** – subjects required by most Colleges
- **Desirable** – subjects required by some Colleges
- **Useful** – subjects that provide a useful preparation but aren't required

Please also check College-specific requirements with the College you're intending to apply to.

If you haven't yet decided on a course, advice about the most appropriate subject combinations can be found in our *Subject Matters* leaflet, available online at: [www.cam.ac.uk/study/undergraduate/publications/](http://www.cam.ac.uk/study/undergraduate/publications/).



Top: Freshers arriving  
Above: Exam time



## TYPICAL OFFERS AND REQUIREMENTS

Whatever system you're being educated in, Cambridge requires top grades in the highest level qualifications available for school/college students. See the appropriate course entry for subject requirements.

All Colleges modify offers to take account of individual circumstances. As such, some applicants will be set lower/more challenging offers than those listed below.

### A Levels

- A\*AA.
- Applicants may be required to achieve the A\* in a particular subject, depending on individual circumstances.
- Four or five AS Levels are encouraged – good A grades are expected in relevant subjects.
- Critical Thinking is worthwhile but not acceptable as a third A Level subject for any Cambridge course.
- Key Skills and General Studies are not required or included in academic assessment.

### Extended Project

- Applicants are encouraged to undertake one but completion of an Extended Project won't be a requirement of any offer made.

### International Baccalaureate Diploma Programme (IB)

- 40-42 points out of 45, with 776 or 777 in Higher Level subjects.
- For subject requirements, Standard Level subjects are broadly comparable to AS Levels, and Higher Level subjects to A Levels.

### Scottish Highers and Advanced Highers

- AAA usually required at Advanced Higher Grade.
- In some cases, two Advanced Highers and an additional Higher may be acceptable – contact a College for advice.
- For subject requirements, Highers are broadly comparable to AS Levels (minimum of AAAA at Higher Grade is expected), and Advanced Highers to A Levels.
- Three Advanced Highers are expected within the Scottish Baccalaureate.

### Welsh Baccalaureate

- Offers are conditional on three A Level subjects (see guidance above) studied within the qualification, rather than the overall Baccalaureate award.

### Irish Leaving Certificate

- AAAAA at Higher Level.
- Medicine and Veterinary Medicine applicants may be required to take an IGCSE (or equivalent) in the science subject not taken within the Certificate.

### Sixth Term Examination Papers in Mathematics (STEP)

- STEP Mathematics is used as part of almost all conditional offers in Mathematics and Computer Science with Mathematics. Some Colleges may require STEP for other courses.
- Sat immediately after the A Level examination period, STEP is used to assess aptitude for university study in Mathematics. You must speak to your school/college about registering for the STEP assessments.
- More information is available online at: [www.cam.ac.uk/step/](http://www.cam.ac.uk/step/).



### AQA Baccalaureate

- Offers are conditional on achievement in the A Levels (see guidance opposite) within the qualification, rather than the overall Baccalaureate award.

### Cambridge Pre-U Diploma

- Conditional offers are set on an individual basis but are likely to require the achievement of Distinction level grades (D2 or D3) in Principal Subjects.

### Access to HE Diploma

- Attainment of the Access to HE Diploma with Distinctions in all relevant subject units.
- Certain subject-specific requirements may be included in conditional offers as well. See online for details at: [www.cam.ac.uk/mature/](http://www.cam.ac.uk/mature/).

### Advanced Diplomas

- The Advanced Diplomas in Engineering, and in Manufacturing and Product Design are acceptable for Engineering.
- The Advanced Diploma in Environmental and Land-based Studies is acceptable for Geography, Land Economy and Natural Sciences (Biological).
- Conditions apply in all cases, see the website for details at: [www.cam.ac.uk/entrancerequirements/](http://www.cam.ac.uk/entrancerequirements/).

### European Baccalaureate

- 85-90 per cent overall, with 90 per cent in subjects most closely related to the course you wish to study.

### French Baccalaureate

- 16 or 17 ('mention très bien') out of 20, with 16 or 17 usually required in specific subjects.

### German Abitur

- Between 1.0 and 1.3 overall, with 14 or 15 in subjects most closely related to the course you wish to study.

### SATs and Advanced Placement Tests

- Successful applicants normally have high passes in the High School Diploma and 5s in at least five Advanced Placement Tests in appropriate subjects.

### VCE and Applied A Levels, GNVQs and BTECs

- These qualifications aren't an appropriate preparation for most Cambridge courses, although a combination of A Levels and VCE or other qualifications may be acceptable for some courses.
- See the website for guidance ([www.cam.ac.uk/entrancerequirements/](http://www.cam.ac.uk/entrancerequirements/)) and seek further advice from a College Admissions Tutor.

### Edexcel International Diploma (Academic Route)

- Offers are conditional on achievement in the A Levels (see guidance opposite) within the qualification, rather than the overall Diploma award.

### English language requirements

- See p30.

If the qualification you're taking isn't listed here, please look online ([www.cam.ac.uk/study/undergraduate/international/](http://www.cam.ac.uk/study/undergraduate/international/)) as early as possible to check that it provides an appropriate preparation for the course you hope to study.

Applicants taking a mix of qualifications from different examination systems are considered providing the individual qualifications are acceptable and any subject requirements are met. Conditional offers are made on a case-by-case basis but will normally be in line with typical offers made when the qualifications are taken on their own.

# Music Awards

Are you an organist, a singer/chorister or an instrumentalist of a very high standard? If you'd like to combine specialist musical experience with a Cambridge degree, you should consider applying for one of our Music Awards.

## Choral and organ awards

Student organists and choristers form a very important strand of the rich musical life in Cambridge, providing music for regular chapel services. They also perform in College concerts and some undertake tours in the UK or abroad. The awards vary from College to College but all include a small financial award, and some support for music lessons.

For further details of the Choral Award and the Organ Scholarship Schemes, as well as dates and information about the forthcoming choral and organ open days, please see the Music Awards website. Information about other music-making opportunities can be found on p13.

## Instrumental Awards Scheme

The Instrumental Awards Scheme enables gifted musicians to reach a high standard of performance in chamber music. Award-holders receive a small financial award (an 'exhibition'), professional coaching of their ensemble and usually a subsidy for instrumental lessons.

Players of violin, viola, cello, flute, oboe, clarinet, bassoon, French horn or piano are eligible to apply, and Distinction at Grade 8 of the Associated Board or similar is required.

If you're made an offer of an academic place and wish to apply for an Instrumental Award, you must submit the application form (available online) to your College by 28 February 2013.

See individual College websites for information about the musical activities undertaken and enjoyed by their Music Award-holders.

Further information  
[www.cam.ac.uk/musicawards/](http://www.cam.ac.uk/musicawards/)

**Choral Awards**  
**Dr David Skinner**  
[dgs38@cam.ac.uk](mailto:dgs38@cam.ac.uk)

**Organ Scholarships**  
**Mr Andrew Arthur**  
[aa373@cam.ac.uk](mailto:aa373@cam.ac.uk)

**Instrumental Awards**  
**Dr Sam Barrett**  
[sjb59@cam.ac.uk](mailto:sjb59@cam.ac.uk)



Music practice

# Open Days and Events

You don't have to visit Cambridge to apply to the University but our open days and events offer opportunities to get a feel for the place, talk to staff and students, and ask any questions.

## Cambridge Open Days 5 and 6 July 2012

The Cambridge Open Days for prospective applicants in Year 12 (or equivalent) will be on 5 and 6 July 2012 (booking is essential).

The programme is the same for both days and all subjects will be offering course presentations and/or information stands. Tours and additional sessions may also be available in departments, for which separate booking may be required (check the relevant department websites).

Some Colleges will be open all day for Cambridge Open Day visitors without the need for separate booking. Others will be holding their own College open day in the mornings for which separate booking is required and, as such, will only be open to Cambridge Open Day visitors in the afternoon (check the relevant College websites).

Visit the Undergraduate Study website for more information about the Cambridge Open Days, to watch our short film about the events and to book a place.

Further information  
**Cambridge Open Days**  
**01223 765514**  
**cambridgeopendays**  
**@admin.cam.ac.uk**  
[www.cam.ac.uk/opendays/](http://www.cam.ac.uk/opendays/)

## College open days

College open days give you the opportunity to pick up a wide range of useful information (College open days cover all courses offered by the College unless otherwise indicated) and get a sense of what College life is like, but remember that visiting a particular College doesn't commit you to applying to that College.

See the individual College entries (p109-37) for dates and visit the relevant College website(s) for more information and booking instructions.

## Department open days

Department open days focus on the specific course(s) in that faculty or department. You'll get to meet some of the lecturers, and see the libraries and other facilities. See the relevant course entry (p34-105) for dates and contact the appropriate department to book a place.

## If you can't make it to an open day

If you can't make an open day, you're welcome to visit us at another time. College and some department grounds are open for most of the year for you to walk round. However, while Colleges and departments do their best to help applicants to visit them, there are restrictions and/or charges for tourists at certain Colleges and at certain times (such as during exams) so do check with the College/department before you come.

If you'd like to speak to College staff during a visit to Cambridge, please contact that College's Admissions Office in advance to arrange this.



Cambridge Open Days



Top left: Cambridge Admissions Office  
Top right: Exam results at Senate House  
Bottom left: Cambridge Open Day visitors  
Bottom right: GEEMA Summer School participants  
Opposite: Cambridge Open Day session

## EVENTS IN CAMBRIDGE

In addition to the various open days, the University organises a number of day and residential events in Cambridge for specific groups of students.

### The Subject Matters Year 11 (or equivalent)

The A Level/IB Higher Level (or equivalent) subject choices you make can have a major effect on the course and university options available to you. The Subject Matters events highlight the importance of subject choices and offer practical help to those about to choose their options.

### Subject Masterclasses Year 12 (or equivalent)

Subject Masterclasses provide an opportunity for students from any school or college to explore topics of interest beyond what's covered at A Level/IB Higher Level, and to experience typical undergraduate teaching at Cambridge. The masterclasses involve one or two taster lectures/workshops, and an overview of the admissions process.

### Challenge Days Years 10 and 12 (or equivalent)

Challenge Days offer students at state schools and colleges an insight into teaching and learning at Cambridge. Students participate in a variety of

activities including introductory sessions on higher education and Cambridge, and subject taster sessions, as well as having lunch in one of the Colleges and meeting current undergraduates.

### Residential events Years 10 to 12 (or equivalent)

A number of residential Easter and summer schools are organised each year to give UK students at state schools and colleges an insight into university life. These include subject-specific Sutton Trust Summer Schools for Year 12 students.

### Events for Black, Asian and Minority Ethnicity (BAME) students

GEEMA (the University's Group to Encourage Ethnic Minority Applications) offers a programme of one-day and residential events in Cambridge for UK students from BAME backgrounds. Get a taste by watching our short online video. GEEMA can also arrange visits to schools and colleges around the UK.

### Events for FE students

The University organises a number of events, including an open day and residential summer school, to enable FE students to learn more about studying at Cambridge, student life and the admissions process. Visits to FE colleges can also be arranged.

### Events for mature students

The University organises a range of open days and events specifically for prospective mature students. These provide opportunities to visit Cambridge, find out more about studying here and the application process. See what's on offer by watching our short online video.

Further information  
**Events in Cambridge**  
[www.cam.ac.uk/outreachevents/](http://www.cam.ac.uk/outreachevents/)

## EVENTS NEAR YOU

### Higher education fairs

The University is represented throughout the year at higher education (HE) fairs and UCAS Conventions across the country. Our representatives are happy to answer any queries you may have about applying to and studying at Cambridge.

Details of the events that we'll be represented at are available online ([www.cam.ac.uk/outreachevents/](http://www.cam.ac.uk/outreachevents/)).



### Oxford and Cambridge Student Conferences Year 12 (or equivalent)

The Universities of Cambridge and Oxford hold a series of joint Conferences each March/April for students and their teachers/HE advisers across the UK. The Conferences provide up-to-date information on courses, the admissions process and student life at both universities.

Booking is required and further information is available at: [www.studentconferences.org.uk](http://www.studentconferences.org.uk).

## STUDENT-RUN INITIATIVES

### CUSU Target Campaign

The Target Campaign is a student-run initiative, supported by the University and its Colleges. Each year, around 1,000 Cambridge undergraduates visit state schools across the country to give information to students who are thinking about applying, and provide an opportunity to hear about the University from a current student's perspective.

### CUSU Shadowing Scheme Year 12 (or equivalent)

The biggest student-run widening participation initiative in the country, CUSU's Shadowing Scheme offers students from state schools without a tradition of top university entry the opportunity to come to Cambridge for three days each February. While here, prospective students spend time 'shadowing' a current undergraduate who's studying a subject they're interested in.

### Alternative Prospectus

CUSU's online *Alternative Prospectus* ([www.applytocambridge.com](http://www.applytocambridge.com)) is written by current students and offers information about the Colleges, courses and student life from the perspective of Cambridge undergraduates. The website also includes the 'Ask a Student' feature, through which you can submit questions about any course or College and receive a personalised response from a student from that course or College.

Further information  
**Student-run initiatives**  
**CUSU Access Officer**  
**01223 333313**  
**[access@cusu.cam.ac.uk](mailto:access@cusu.cam.ac.uk)**  
**[www.cusu.cam.ac.uk/prospective/](http://www.cusu.cam.ac.uk/prospective/)**

## TEACHERS, TUTORS AND HE ADVISERS

### Events

A number of events for teachers, tutors and HE advisers are organised by the Cambridge Admissions Office and several of the Colleges. These events provide up-to-date information about the University, including the application procedure and the range of outreach activities on offer.

Details are available in the teachers' and advisers' area of our website at: [www.cam.ac.uk/teachers/](http://www.cam.ac.uk/teachers/).

### College Area Links Scheme

The Area Links Scheme links every Local Authority in England to a specific Cambridge College to help build effective relationships with schools and colleges. There are also links between Cambridge Colleges and Wales, Scotland and Northern Ireland.

Each College runs its own programme of activities for schools/colleges in their link regions. For more information visit: [www.cam.ac.uk/arealinks/](http://www.cam.ac.uk/arealinks/).

## Finding Out More

Should you have any further questions after reading this Prospectus, please get in touch.

### Cambridge Admissions Office (CAO)

The CAO provides general advice to prospective applicants and their advisers about applying to and studying at Cambridge. This Prospectus and information about interviews and student finance are available online or by contacting the CAO.

☎ **01223 333308**  
 📞 **01223 746868**  
 @ **admissions@cam.ac.uk**  
 🌐 **www.cam.ac.uk/study/undergraduate/**  
 📘 **www.facebook.com/cambridgeadmissions/**

**Directions**  
 Map reference M

### Cambridge University Students' Union (CUSU)

CUSU provides lots of information and advice for prospective applicants in their online *Alternative Prospectus*. They also run the Target Campaign and Shadowing Schemes (see p149).

☎ **01223 333313**  
 📞 **01223 333179**  
 @ **access@cusu.cam.ac.uk**  
 🌐 **www.cusu.cam.ac.uk/prospective/**

**Directions**  
 Map reference G

### Colleges

If you want to find out more about a College, you can do so by getting in touch with that College's Admissions Office.

🌐 **www.cam.ac.uk/study/undergraduate/colleges/**

**Directions**  
 Map reference 1-29  
 (See p109-37)

### Disability Resource Centre (DRC)

Students with a disability/chronic health condition are encouraged to contact the DRC and a College admissions office as early as possible for advice. Guidance can also be found on the DRC website.

Information from this and other CAO publications can be provided in alternative formats on request from the CAO (see above).

☎ **01223 332301**  
 📞 **01223 766863**  
 @ **disability@admin.cam.ac.uk**  
 🌐 **www.cam.ac.uk/disability/**

**Directions**  
 Map reference J

### Postgraduate Study

The Board of Graduate Studies is responsible for a wide range of postgraduate courses, including PhD, MSc, MLitt and MPhil degrees and certain Certificates and Diplomas.

☎ **01223 760606**  
 @ **graduate.admissions@admin.cam.ac.uk**  
 🌐 **www.admin.cam.ac.uk/offices/gradstud/**

**Directions**  
 Map reference F

### Tourist Information Centre

For information about visiting the city, including guides to what's on, accommodation, travel, and parking.

☎ **0871 226 8006**  
 @ **info@visitcambridge.org**  
 🌐 **www.visitcambridge.org**

**Directions**  
 Map reference *i*

### Universities and Colleges Admissions Service (UCAS)

Applications to Cambridge are made online through UCAS. Once your application has been submitted you'll be able to monitor its progress using UCAS Track.

☎ **0871 468 0 468**  
 @ **enquiries@ucas.ac.uk**  
 🌐 **www.ucas.com**

## Travelling to the University

Cambridge is a busy city and wasn't built with modern traffic flows in mind, so it's best to visit the centre – where many of the University buildings and Colleges are situated – on foot.

### By car

If you're planning to drive to Cambridge, we strongly recommend that you use the Park and Ride scheme as parking is limited and several city centre roads have restricted access. Information is available online at: [www.cambridgeshire.gov.uk/parkandride/](http://www.cambridgeshire.gov.uk/parkandride/).

Disabled parking is available throughout the city's car parks and on some streets. Please check in advance with the Cambridge Tourist Information Centre (see opposite) or on our website at: [www.cam.ac.uk/disability/guide/city/](http://www.cam.ac.uk/disability/guide/city/).

### By bus

Cambridge bus station is centrally located, and there's a 'Uni 4' bus service which runs from the Madingley Road Park and Ride site through to Addenbrooke's Hospital (Monday – Friday).

### By train

Cambridge is well connected by train and the station is located about one mile from the city centre (around 20 minutes on foot). There's a taxi rank outside the station and buses run frequently between the station and city centre.

### By air

The nearest airports to Cambridge are Stansted (30 miles) and Luton (40 miles). There's a direct train link to Cambridge from Stansted and buses regularly run from Stansted, Luton, Heathrow and Gatwick to the city centre.

### DISTANCE TO CAMBRIDGE



Aberdeen	<b>460 miles</b>
Birmingham	<b>100 miles</b>
Cardiff	<b>200 miles</b>
Edinburgh	<b>335 miles</b>
Exeter	<b>240 miles</b>
Glasgow	<b>355 miles</b>
Leeds	<b>150 miles</b>
London	<b>60 miles</b>
Manchester	<b>170 miles</b>
Newcastle	<b>230 miles</b>
Nottingham	<b>85 miles</b>
Southampton	<b>130 miles</b>

# Cambridge City Map

0 100 300 500 metres  
0 100 300 500 yards 1/2 mile  
(approx 10 minute walk)

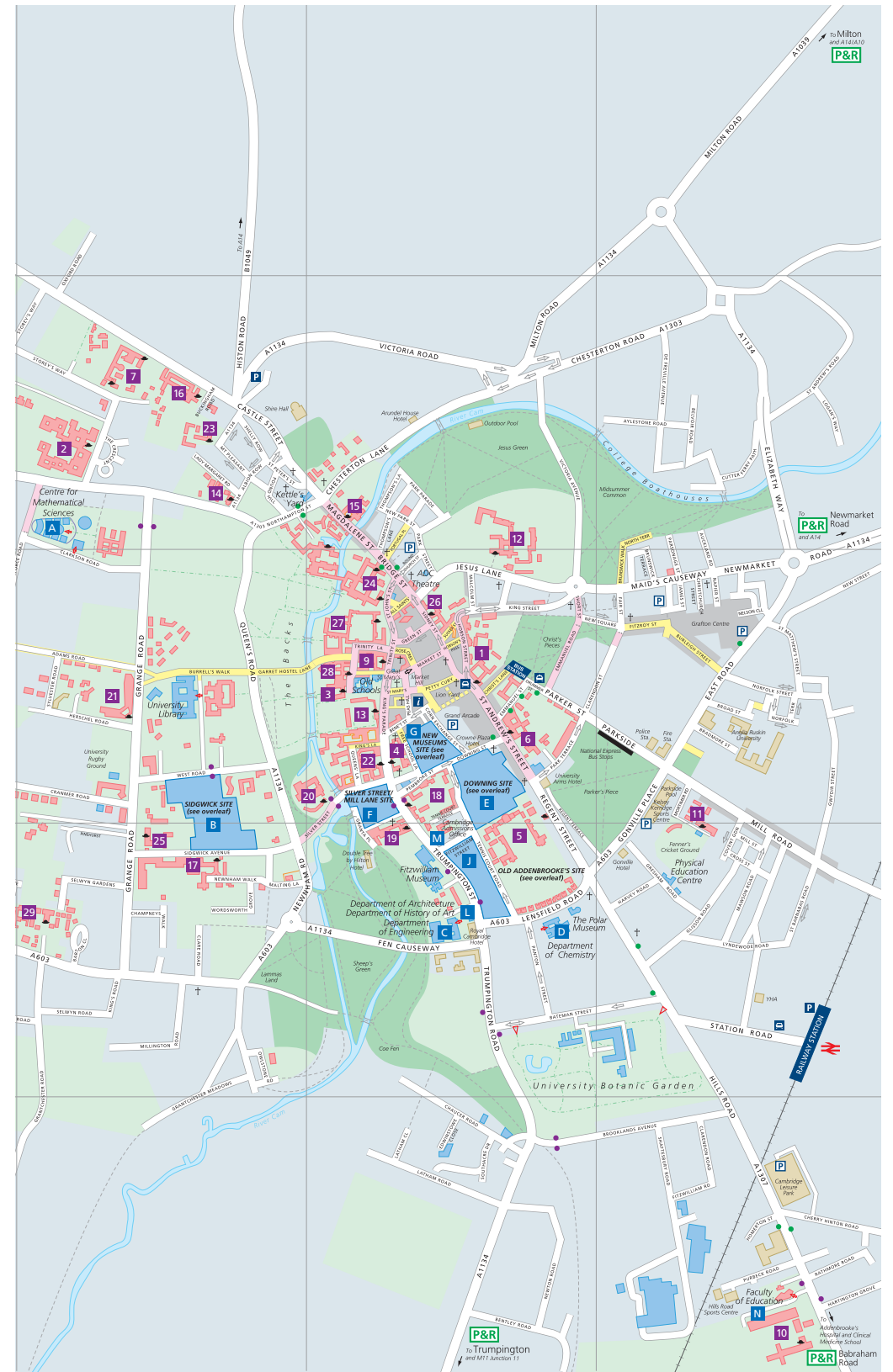
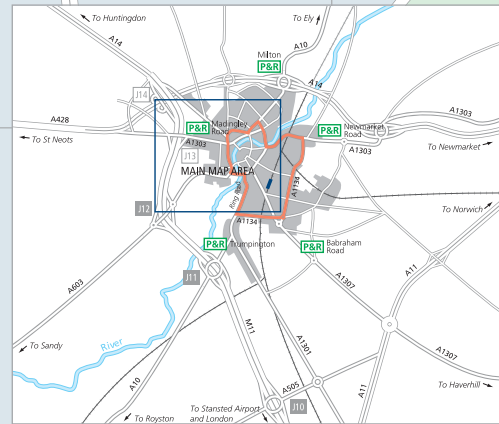
- College of the University
- University building
- Non-University building
- University, College and other private grounds
- Public open space
- Main shopping area

- One-way street
- Limited vehicle access
- Pedestrian street/cycle way (cycling restrictions may apply)

- ▲ Site entrance (vehicle access)
- ▼ Site entrance (no vehicle access)
- ▶ Main entrance to building
- ▲ Porters' lodge
- + Church
- 7 Tourist office
- T Taxi rank
- P Main public parking
- P Multi-storey car park
- P&R Park & Ride, free parking
- Park & Ride stops
- Uni 4 stops

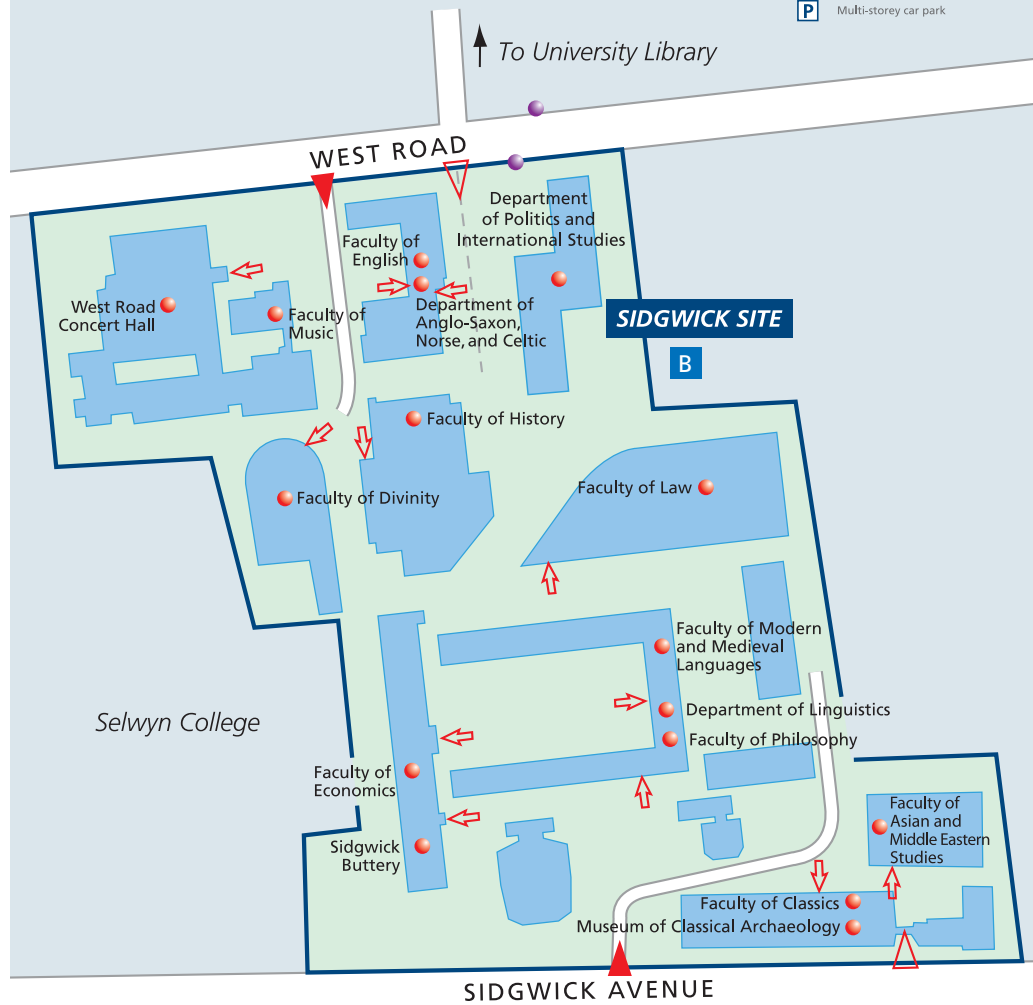
**Faculties/departments**  
A N See individual course entries

- Colleges**
- |  |   |
|--|---|
| <span style="color: purple;">1</span> Christ's           | <span style="color: purple;">16</span> Murray Edwards |
| <span style="color: purple;">2</span> Churchill          | <span style="color: purple;">17</span> Newnham        |
| <span style="color: purple;">3</span> Clare              | <span style="color: purple;">18</span> Pembroke       |
| <span style="color: purple;">4</span> Corpus Christi     | <span style="color: purple;">19</span> Peterhouse     |
| <span style="color: purple;">5</span> Downing            | <span style="color: purple;">20</span> Queens'        |
| <span style="color: purple;">6</span> Emmanuel           | <span style="color: purple;">21</span> Robinson       |
| <span style="color: purple;">7</span> Fitzwilliam        | <span style="color: purple;">22</span> St Catharine's |
| <span style="color: purple;">8</span> Girton             | <span style="color: purple;">23</span> St Edmund's    |
| <span style="color: purple;">9</span> Gonville and Caius | <span style="color: purple;">24</span> St John's      |
| <span style="color: purple;">10</span> Homerton          | <span style="color: purple;">25</span> Selwyn         |
| <span style="color: purple;">11</span> Hughes Hall       | <span style="color: purple;">26</span> Sidney Sussex  |
| <span style="color: purple;">12</span> Jesus             | <span style="color: purple;">27</span> Trinity        |
| <span style="color: purple;">13</span> King's            | <span style="color: purple;">28</span> Trinity Hall   |
| <span style="color: purple;">14</span> Lucy Cavendish    | <span style="color: purple;">29</span> Wolfson        |
| <span style="color: purple;">15</span> Magdalene         |   |

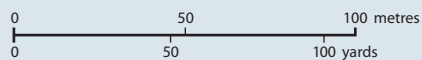


# Site Maps

- University building
- University and other private grounds
- Limited vehicle access
- Pedestrian street/cycle way (cycling restrictions may apply)
- One-way street
- University department
- Park & Ride stops
- Uni 4 stops
- ▲ Site entrance (vehicle access)
- ▽ Site entrance (no vehicle access)
- ⇄ Main entrance to building
- + Church
- P Multi-storey car park



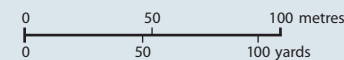
www.cam.ac.uk/map/



Newnham College



www.cam.ac.uk/map/



Downing College

# Index

<b>A</b>	
Access initiatives	147-9
Access to HE Diploma	28, 145
Accommodation	5, 16-7, 19, 20-1, 23, 107
Admissions Office, Cambridge (CAO)	
– see also individual College entries	21, 29, 147, 149, 150
Admissions Policy	142
Admissions tests – see also individual course entries	139
Advanced Diploma	54, 98, 145
Aerospace and Aerothermal Engineering – see Engineering	
Affiliated students	29
Age at application	28, 77
Akkadian – see Asian and Middle Eastern Studies; Human, Social, and Political Sciences	
Alternative Prospectus	11, 149
Anatomy – see Medicine, Natural Sciences	
<b>Anglo-Saxon, Norse, and Celtic</b>	<b>34</b>
Anthropology, Biological and Social – see Human, Social, and Political Sciences	
Application and admission procedures	29, 30-1, 139-42
Application statistics – see also individual course entries	33, 108, 140, 141
Arabic – see Asian and Middle Eastern Studies, Theology and Religious Studies	
Archaeology – see Human, Social, and Political Sciences	
<b>Architecture</b>	<b>36</b>
Art History – see History of Art	
AS and A Levels – see also individual course entries	143-4
<b>Asian and Middle Eastern Studies</b>	<b>39</b>
Astrophysics – see Natural Sciences	
<b>B</b>	
BAME students' events – see GEEMA	
Biochemistry – see Natural Sciences	
Biological and Biomedical Sciences – see Medicine, Natural Sciences	
Biological Anthropology – see Human, Social, and Political Sciences	
Biomedical Engineering – see Engineering	
BMAT (Bio-Medical Admissions Test)	77, 103
Bursaries and scholarships – see Financial information	
<b>C</b>	
Cambridge, the city	10, 151
Cambridge Admissions Office (CAO)	21, 29, 147, 149, 150
Cambridge Bursary – see Financial information	
Cambridge Online Preliminary Application (COPA)	30-1, 141
Care leavers	21
Careers – see also individual course entries	26-7
<b>Chemical Engineering</b>	<b>42</b>
Chemistry – see Natural Sciences	
Childcare	19
Chinese – see Asian and Middle Eastern Studies	
Choral Awards	146
Civil, Structural and Environmental Engineering – see Engineering	
<b>Classics</b> – see also Modern and Medieval Languages	<b>44</b>
Clubs and societies	12-5
College fees	29, 31
Colleges	5, 16-7, 18, 23, 24, 28, 106-37, 147, 149, 150
<b>Computer Science</b> – see also Natural Sciences	<b>46</b>
Counselling Service	19

<b>D</b>	
Deferred entry	54, 75, 79, 142
Disabled students	20, 150
Drama – see also Education	13
<b>E</b>	
Earth Sciences – see Natural Sciences	
<b>Economics</b> – see also Land Economy	<b>48</b>
<b>Education</b>	<b>50</b>
Egyptology – see Asian and Middle Eastern Studies; Human, Social, and Political Sciences	
Electrical and Electronic Engineering – see Engineering	
Electrical and Information Sciences – see Engineering	
Employment	24, 26-7
Energy, Sustainability and the Environment – see Engineering	
Entertainment	10-5
<b>Engineering</b>	<b>53</b>
Engineering for the Life Sciences – see Engineering	
<b>English</b> – see also Anglo-Saxon, Norse, and Celtic	<b>56</b>
English language proficiency	30
Entry requirements – see also individual course entries	5, 28, 30, 143-5
Environment – see Engineering, Geography, Land Economy	
Exchange schemes	7, 40-1, 54, 70, 81-2
Extended Project	144
Extenuating circumstances	141
Extra-curricular activities	10-5, 142
<b>F</b>	
Financial information: international students	31
Financial information: UK and EU students	22-5
Frank Buttle Trust	21
French – see Modern and Medieval Languages	
Frequently-asked questions	142
<b>G</b>	
Gap years	54, 75, 79, 142
GEEMA (Group to Encourage Ethnic Minority Applications)	148
Genetics – see Natural Sciences	
<b>Geography</b>	<b>58</b>
Geological Sciences – see Natural Sciences	
German – see Modern and Medieval Languages	
Graduate destinations – see also individual course entries	26-7
Greek, Classical – see Classics, Modern and Medieval Languages	
<b>H</b>	
Hebrew – see Asian and Middle Eastern Studies, Theology and Religious Studies	
<b>History</b>	<b>60</b>
History and Philosophy of Science – see Human, Social, and Political Sciences; Natural Sciences	
<b>History of Art</b>	<b>62</b>
<b>Human, Social, and Political Sciences</b>	<b>64</b>
<b>I</b>	
Information and Computer Engineering – see Engineering	
Institute of Continuing Education (ICE)	30, 33
Instrumental Awards	146
Instrumentation and Control – see Engineering	
International Baccalaureate – see also individual course entries	143-4
International students	30-1, 141, 144-5
Interviews	31, 139-40
Irish, Medieval – see Anglo-Saxon, Norse, and Celtic	
Irish Leaving Certificate	144
Islamic Studies – see Asian and Middle Eastern Studies	
Islands students	22, 31
IT provision, internet and email access	8
Italian – see Modern and Medieval Languages	



# Index (cont.)

## J

Japanese – see Asian and Middle Eastern Studies  
 Judaism – see Asian and Middle Eastern Studies, Theology and Religious Studies

## L

**Land Economy** – see also Economics, Law **68**  
 Language Centre 8  
 Languages, Ancient – see Anglo-Saxon, Norse, and Celtic; Asian and Middle Eastern Studies; Classics; Human, Social, and Political Sciences; Modern and Medieval Languages; Theology and Religious Studies  
 Languages, Modern – see Asian and Middle Eastern Studies, Modern and Medieval Languages  
 Latin – see Anglo-Saxon, Norse, and Celtic; Classics; Modern and Medieval Languages

**Law** – see also Land Economy **70**

Law Test, Cambridge 71  
 Libraries and collections 8

**Linguistics** **72**

## M

**Management Studies** **104**

**Manufacturing Engineering** **105**

Maps of Cambridge 151-5

Materials Science – see Natural Sciences

**Mathematics** – see also Computer Science, Economics, Natural Sciences **74**

Mature students 25, 28-9, 107, 148

Mechanical Engineering – see Engineering

**Medicine** **76**

**Medicine (Graduate Course)** **79**

Mesopotamia – see Human, Social, and Political Sciences

Middle Eastern Studies – see Asian and Middle Eastern Studies

**Modern and Medieval Languages** **81**

Museums 8

**Music** – see also Music Awards 10, 13, **84**, 146

Music Awards 146

## N

National Scholarship Programme 24-5

**Natural Sciences** **86**

Neuroscience – see Natural Sciences

Norse, Old – see Anglo-Saxon, Norse, and Celtic; History

## O

Open applications 108, 139

Open days – see also individual course and College entries 147-9

Organ Scholarships 146

Oriental Studies – see Asian and Middle Eastern Studies

Outreach 147-9

Overseas students 30-1, 141, 144-5

## P

Palaeography – see Anglo-Saxon, Norse, and Celtic

Pathology – see Medicine, Natural Sciences

Persian – see Asian and Middle Eastern Studies

PGCE (Postgraduate Certificate in Education) – see Education

Pharmacology – see Medicine, Natural Sciences

**Philosophy** **94**

Physics – see Natural Sciences

Physiology – see Medicine, Natural Sciences

Plant Sciences – see Natural Sciences

Politics – see Human, Social, and Political Sciences

Portuguese – see Modern and Medieval Languages

Postgraduate study 150

**Psychological and Behavioural Sciences** **96**

Psychology – see Computer Science, Natural Sciences, Psychological and Behavioural Sciences

## Q

Qualifications for entry 28, 30, 143-5

QR codes 9, 13, 16, 19, 28, 160

## R

Religious Studies – see Theology and Religious Studies

Russian – see Modern and Medieval Languages

## S

Sanskrit – see Theology and Religious Studies

Scholarships – see Financial information, Music Awards

Scottish qualifications 144

Second undergraduate degrees 29

Shopping 10

Sixth Term Examination Papers in Mathematics (STEP) 47, 55, 74-5, 144

Social activities 10-5, 30

Social Anthropology – see Human, Social, and Political Sciences

Societies 12-5

Sociology – see Human, Social, and Political Sciences

Spanish – see Modern and Medieval Languages

Sport 14-5

Statistics, application – see also individual course entries 33, 108, 140, 141

Structural Engineering – see Engineering

Student life 10-7, 30

Students' Union, Cambridge

University (CUSU) 11-2, 18-9, 149, 150

Study abroad 7, 40-1, 54, 70, 81-2

Summer schools 30, 148

Supervisions 5, 6-7, 18

Supplementary Application Questionnaire (SAQ) 139

Support 5, 11, 18-21, 24-5

## T

Target Campaign 149

Teacher training – see Education

Teachers' events and information 149

Teaching – see also individual course entries 5, 6-9, 18

Term dates 142

Tests, admissions – see also individual course entries 139

**Theology and Religious Studies** **98**

Thinking Skills Assessment (TSA) 43, 47, 49, 55, 69, 87

Transferable skills 26

Travelling to Cambridge 151

Tripas system 4, 33

Tuition fees – see Financial information

## U

UCAS 150

UCAS application 30-1, 78, 88, 107, 139-42, 150

## V

**Veterinary Medicine** **100**

Visas and immigration 31

Visiting Cambridge 147-9, 151

## W

Welfare 5, 11, 18-21

Welsh Baccalaureate 144

Welsh, Medieval – see Anglo-Saxon, Norse, and Celtic

Widening participation 21, 141, 148-9

Winter pool 107, 140-1

Work experience 7, 26-7, 40-1, 42-3, 46-7, 53, 77, 79, 81-3, 100, 102-3, 104, 105, 142

## Z

Zoology – see Natural Sciences

# Credits

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